Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082725\
Data File : VD080499.D
Acq On : 27 Aug 2025 11:30
Operator : RP/MD
Sample : VSTDICCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/28/2025
Supervised By :Semsettin Yesilyurt 08/28/2025

Quant Time: Aug 28 02:49:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082725S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 28 02:42:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.876	168	428346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	766426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	673486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	310733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	215171	44.524	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 89.040%			
35) Dibromofluoromethane	7.806	113	224344	48.257	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.520%			
50) Toluene-d8	10.270	98	897879	48.657	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.320%			
62) 4-Bromofluorobenzene	12.570	95	280298	48.211	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 96.420%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.935	85	155576	42.659	ug/l	100
3) Chloromethane	2.147	50	262517	45.601	ug/l	100
4) Vinyl Chloride	2.288	62	277544	46.714	ug/l	100
5) Bromomethane	2.694	94	148067	44.345	ug/l	100
6) Chloroethane	2.841	64	185305	47.783	ug/l	100
7) Trichlorofluoromethane	3.176	101	325074	46.978	ug/l	100
8) Diethyl Ether	3.594	74	129349	47.172	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.970	101	213141	47.470	ug/l	100
10) Methyl Iodide	4.165	142	264666	51.059	ug/l	100
11) Tert butyl alcohol	5.047	59	80726	230.828	ug/l	100
12) 1,1-Dichloroethene	3.947	96	229256	49.011	ug/l	100
13) Acrolein	3.800	56	88615	238.411	ug/l	100
14) Allyl chloride	4.565	41	394620	48.614	ug/l	100
15) Acrylonitrile	5.259	53	296175	242.538	ug/l	100
16) Acetone	4.023	43	280969	248.343	ug/l	100
17) Carbon Disulfide	4.276	76	754677	47.711	ug/l	100
18) Methyl Acetate	4.570	43	145084	45.568	ug/l	100
19) Methyl tert-butyl Ether	5.317	73	593468	48.347	ug/l	100
20) Methylene Chloride	4.806	84	281057	45.223	ug/l	100
21) trans-1,2-Dichloroethene	5.317	96	258173	48.212	ug/l	100
22) Diisopropyl ether	6.217	45	817387	48.923	ug/l	100
23) Vinyl Acetate	6.153	43	2350041	247.178	ug/l	100
24) 1,1-Dichloroethane	6.117	63	469313	48.526	ug/l	100
25) 2-Butanone	7.082	43	387904	242.138	ug/l	100
26) 2,2-Dichloropropane	7.076	77	374252	48.874	ug/l	100
27) cis-1,2-Dichloroethene	7.076	96	313360	49.032	ug/l	100
28) Bromochloromethane	7.429	49	194877	49.445	ug/l	100
29) Tetrahydrofuran	7.447	42	243301	240.338	ug/l	100
30) Chloroform	7.594	83	456385	49.352	ug/l	100
31) Cyclohexane	7.876	56	417282	46.095	ug/l	100
32) 1,1,1-Trichloroethane	7.794	97	373312	48.482	ug/l	100
36) 1,1-Dichloropropene	8.011	75	329117	49.003	ug/l	100
37) Ethyl Acetate	7.170	43	164626	50.973	ug/l	100
38) Carbon Tetrachloride	7.994	117	313410	49.030	ug/l	100
39) Methylcyclohexane	9.270	83	439095	49.118	ug/l	100
40) Benzene	8.253	78	1065483	49.847	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082725\
Data File : VD080499.D
Acq On : 27 Aug 2025 11:30
Operator : RP/MD
Sample : VSTDICCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 28 02:49:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082725S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 28 02:42:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/28/2025
Supervised By :Semsettin Yesilyurt 08/28/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.400	41	97313	50.751	ug/l		100
42) 1,2-Dichloroethane	8.329	62	255472	49.344	ug/l		100
43) Isopropyl Acetate	8.358	43	323262	49.194	ug/l		100
44) Trichloroethene	9.029	130	254884	49.151	ug/l		100
45) 1,2-Dichloropropane	9.305	63	261742	49.376	ug/l		100
46) Dibromomethane	9.394	93	142244	50.086	ug/l		100
47) Bromodichloromethane	9.582	83	343973	49.681	ug/l		100
48) Methyl methacrylate	9.382	41	162676	49.938	ug/l		100
49) 1,4-Dioxane	9.388	88	35209	1002.805	ug/l		100
51) 4-Methyl-2-Pentanone	10.158	43	811307	247.566	ug/l		100
52) Toluene	10.329	92	660763	49.569	ug/l		100
53) t-1,3-Dichloropropene	10.552	75	352664	49.981	ug/l		100
54) cis-1,3-Dichloropropene	10.017	75	417986	49.535	ug/l		100
55) 1,1,2-Trichloroethane	10.729	97	188873	49.602	ug/l		100
56) Ethyl methacrylate	10.594	69	263760	49.717	ug/l		100
57) 1,3-Dichloropropane	10.876	76	328746	49.193	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.870	63	524877	255.662	ug/l		100
59) 2-Hexanone	10.917	43	581854	249.885	ug/l		100
60) Dibromochloromethane	11.070	129	237031	49.394	ug/l		100
61) 1,2-Dibromoethane	11.176	107	182431	50.352	ug/l		100
64) Tetrachloroethene	10.811	164	204787	49.237	ug/l		100
65) Chlorobenzene	11.605	112	722091	50.314	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.682	131	228539	49.925	ug/l		100
67) Ethyl Benzene	11.682	91	1241186	49.966	ug/l		100
68) m/p-Xylenes	11.794	106	962098	100.589	ug/l		100
69) o-Xylene	12.117	106	458065	50.186	ug/l		100
70) Styrene	12.135	104	784497	50.523	ug/l		100
71) Bromoform	12.299	173	128920	49.553	ug/l	#	100
73) Isopropylbenzene	12.417	105	1145729	50.325	ug/l		100
74) N-amyl acetate	12.229	43	304511	50.403	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.670	83	210857	49.816	ug/l		100
76) 1,2,3-Trichloropropane	12.723	75	126166m	49.748	ug/l		
77) Bromobenzene	12.699	156	265912	50.481	ug/l		100
78) n-propylbenzene	12.758	91	1390245	50.290	ug/l		100
79) 2-Chlorotoluene	12.846	91	787642	50.000	ug/l		100
80) 1,3,5-Trimethylbenzene	12.899	105	924818	49.991	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.464	75	82680	49.482	ug/l		100
82) 4-Chlorotoluene	12.946	91	811248	50.067	ug/l		100
83) tert-Butylbenzene	13.164	119	800920	49.899	ug/l		100
84) 1,2,4-Trimethylbenzene	13.211	105	930126	49.933	ug/l		100
85) sec-Butylbenzene	13.341	105	1190331	49.689	ug/l		100
86) p-Isopropyltoluene	13.458	119	996345	49.720	ug/l		100
87) 1,3-Dichlorobenzene	13.458	146	512877	50.499	ug/l		100
88) 1,4-Dichlorobenzene	13.535	146	506699	49.684	ug/l		100
89) n-Butylbenzene	13.782	91	959340	50.255	ug/l		100
90) Hexachloroethane	14.052	117	187882	48.473	ug/l		100
91) 1,2-Dichlorobenzene	13.829	146	451489	49.955	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.440	75	30226	47.585	ug/l		100
93) 1,2,4-Trichlorobenzene	15.099	180	279730	49.400	ug/l		100
94) Hexachlorobutadiene	15.199	225	124423	48.344	ug/l		100
95) Naphthalene	15.329	128	592796	49.212	ug/l		100
96) 1,2,3-Trichlorobenzene	15.517	180	240693	49.654	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082725\
Data File : VD080499.D
Acq On : 27 Aug 2025 11:30
Operator : RP/MD
Sample : VSTDICCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/28/2025
Supervised By :Semsettin Yesilyurt 08/28/2025

Quant Time: Aug 28 02:49:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082725S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 28 02:42:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082725\
Data File : VD080499.D
Acq On : 27 Aug 2025 11:30
Operator : RP/MD
Sample : VSTDICCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 28 02:49:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082725S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 28 02:42:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/28/2025
Supervised By :Semsettin Yesilyurt 08/28/2025