

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020425\
 Data File : VD080236.D
 Acq On : 04 Feb 2025 13:30
 Operator : RP/MD
 Sample : VD0204SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0204SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/06/2025
 Supervised By :Semsettin Yesilyurt 02/06/2025

Quant Time: Feb 05 00:40:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 05:44:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	119247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	199616	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	189350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	105681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	87150	56.184	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.360%			
35) Dibromofluoromethane	7.805	113	77390	54.703	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.400%			
50) Toluene-d8	10.269	98	295775	56.376	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 112.760%			
62) 4-Bromofluorobenzene	12.569	95	98007	58.220	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 116.440%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	30296	23.544	ug/l	96
3) Chloromethane	2.152	50	55638	22.398	ug/l	95
4) Vinyl Chloride	2.281	62	64463	21.451	ug/l	97
5) Bromomethane	2.670	94	44464	21.317	ug/l	96
6) Chloroethane	2.828	64	42316	21.141	ug/l	96
7) Trichlorofluoromethane	3.164	101	50783	20.392	ug/l	96
8) Diethyl Ether	3.593	74	15524	22.786	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.958	101	29999	20.810	ug/l	99
10) Methyl Iodide	4.158	142	27267	25.659	ug/l	98
11) Tert butyl alcohol	5.063	59	11651	135.976	ug/l #	89
12) 1,1-Dichloroethene	3.940	96	27533	20.162	ug/l	84
13) Acrolein	3.799	56	18609	115.184	ug/l	95
14) Allyl chloride	4.552	41	44234	21.019	ug/l	97
15) Acrylonitrile	5.252	53	36535	111.618	ug/l	100
16) Acetone	4.022	43	29426	117.708	ug/l #	84
17) Carbon Disulfide	4.264	76	95437	19.378	ug/l	100
18) Methyl Acetate	4.564	43	19741	23.403	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	64299	21.387	ug/l	94
20) Methylene Chloride	4.805	84	37002	21.811	ug/l	91
21) trans-1,2-Dichloroethene	5.299	96	31093	20.042	ug/l	87
22) Diisopropyl ether	6.216	45	98127	22.406	ug/l	98
23) Vinyl Acetate	6.158	43	281092	111.171	ug/l	100
24) 1,1-Dichloroethane	6.110	63	61421	21.394	ug/l	98
25) 2-Butanone	7.081	43	44569	114.941	ug/l	95
26) 2,2-Dichloropropane	7.075	77	47695	19.154	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	34538	19.707	ug/l	99
28) Bromochloromethane	7.422	49	28635	21.856	ug/l #	16
29) Tetrahydrofuran	7.446	42	29794	117.313	ug/l	100
30) Chloroform	7.599	83	60085	20.470	ug/l	93
31) Cyclohexane	7.875	56	44209	19.236	ug/l #	91
32) 1,1,1-Trichloroethane	7.787	97	48853	19.894	ug/l	97
36) 1,1-Dichloropropene	8.005	75	39013	19.253	ug/l	96
37) Ethyl Acetate	7.169	43	20479	20.610	ug/l #	93
38) Carbon Tetrachloride	7.993	117	40905	19.326	ug/l	92
39) Methylcyclohexane	9.275	83	40459	18.378	ug/l	95
40) Benzene	8.252	78	125481	19.756	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020425\
 Data File : VD080236.D
 Acq On : 04 Feb 2025 13:30
 Operator : RP/MD
 Sample : VD0204SBSD01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0204SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/06/2025
 Supervised By :Semsettin Yesilyurt 02/06/2025

Quant Time: Feb 05 00:40:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 05:44:14 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	9495	17.360	ug/l #	85
42) 1,2-Dichloroethane	8.322	62	37701	20.859	ug/l	96
43) Isopropyl Acetate	8.363	43	39502	22.400	ug/l	98
44) Trichloroethene	9.028	130	29758	20.281	ug/l	98
45) 1,2-Dichloropropane	9.299	63	33432	20.927	ug/l	92
46) Dibromomethane	9.393	93	19161	21.528	ug/l	97
47) Bromodichloromethane	9.581	83	47926	21.352	ug/l	94
48) Methyl methacrylate	9.381	41	17571	21.532	ug/l	95
49) 1,4-Dioxane	9.387	88	4341	448.326	ug/l #	82
51) 4-Methyl-2-Pentanone	10.157	43	106452	119.380	ug/l	98
52) Toluene	10.334	92	76887	20.695	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	41138	21.500	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	48460	20.821	ug/l	97
55) 1,1,2-Trichloroethane	10.728	97	26229	22.679	ug/l	91
56) Ethyl methacrylate	10.593	69	29099	22.051	ug/l	95
57) 1,3-Dichloropropane	10.875	76	42331	22.130	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	67165	119.252	ug/l	98
59) 2-Hexanone	10.922	43	70995	121.331	ug/l	96
60) Dibromochloromethane	11.075	129	30378	21.310	ug/l	96
61) 1,2-Dibromoethane	11.181	107	23303	22.124	ug/l	97
64) Tetrachloroethene	10.804	164	25787	19.495	ug/l	98
65) Chlorobenzene	11.604	112	84280	19.418	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.675	131	30198	19.888	ug/l	98
67) Ethyl Benzene	11.681	91	134862	18.679	ug/l	97
68) m/p-Xylenes	11.793	106	105226	37.541	ug/l	99
69) o-Xylene	12.122	106	47153	18.448	ug/l	95
70) Styrene	12.134	104	88470	19.445	ug/l	99
71) Bromoform	12.298	173	18884	21.098	ug/l #	98
73) Isopropylbenzene	12.422	105	124357	17.397	ug/l	99
74) N-amyl acetate	12.234	43	38490	20.484	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	30824	20.723	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	23965m	22.419	ug/l	
77) Bromobenzene	12.698	156	35945	19.495	ug/l	96
78) n-propylbenzene	12.763	91	159832	17.562	ug/l	100
79) 2-Chlorotoluene	12.845	91	94386	18.255	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	109747	18.358	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	10883	20.818	ug/l	90
82) 4-Chlorotoluene	12.945	91	103904	18.910	ug/l	96
83) tert-Butylbenzene	13.163	119	90093	18.434	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	113266	18.614	ug/l	99
85) sec-Butylbenzene	13.345	105	137250	18.367	ug/l	99
86) p-Isopropyltoluene	13.457	119	115678	18.130	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	70495	19.411	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	73953	20.119	ug/l	98
89) n-Butylbenzene	13.787	91	110227	17.778	ug/l	99
90) Hexachloroethane	14.051	117	27604	19.466	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	63406	19.814	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4802	20.291	ug/l	97
93) 1,2,4-Trichlorobenzene	15.092	180	38021	18.640	ug/l	98
94) Hexachlorobutadiene	15.198	225	19928	18.039	ug/l	96
95) Naphthalene	15.328	128	68289	21.268	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	34039	18.491	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020425\
Data File : VD080236.D
Acq On : 04 Feb 2025 13:30
Operator : RP/MD
Sample : VD0204SBSD01
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0204SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/06/2025
Supervised By :Semsettin Yesilyurt 02/06/2025

Quant Time: Feb 05 00:40:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 05:44:14 2025
Response via : Initial Calibration

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

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

