

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020325\
 Data File : VD080223.D
 Acq On : 03 Feb 2025 12:15
 Operator : RP/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Feb 04 05:33:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 05:30:02 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
 Supervised By :Semsettin Yesilyurt 02/04/2025

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	151914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	243367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	209729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	107070	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	190601	96.453	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 192.900%#			
35) Dibromofluoromethane	7.810	113	176078	102.085	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 204.160%#			
50) Toluene-d8	10.269	98	684672	107.041	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 214.080%#			
62) 4-Bromofluorobenzene	12.569	95	198659	96.796	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 193.600%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	132659	90.208	ug/l	100
3) Chloromethane	2.152	50	261439	82.615	ug/l	97
4) Vinyl Chloride	2.281	62	322064	84.126	ug/l	97
5) Bromomethane	2.681	94	220415	94.309	ug/l	99
6) Chloroethane	2.828	64	214642	84.177	ug/l	100
7) Trichlorofluoromethane	3.169	101	258797	81.573	ug/l	100
8) Diethyl Ether	3.593	74	85491	98.500	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.963	101	163497	89.027	ug/l	99
10) Methyl Iodide	4.163	142	179664	98.748	ug/l	99
11) Tert butyl alcohol	5.057	59	48954	448.474	ug/l #	91
12) 1,1-Dichloroethene	3.940	96	165680	95.238	ug/l	97
13) Acrolein	3.798	56	102198	496.548	ug/l	97
14) Allyl chloride	4.557	41	270243	100.802	ug/l	98
15) Acrylonitrile	5.257	53	216494	519.182	ug/l	99
16) Acetone	4.022	43	147079	461.824	ug/l	90
17) Carbon Disulfide	4.269	76	535745	85.388	ug/l	99
18) Methyl Acetate	4.563	43	105645	98.312	ug/l	100
19) Methyl tert-butyl Ether	5.322	73	401552	104.845	ug/l	99
20) Methylene Chloride	4.798	84	186233	86.172	ug/l	98
21) trans-1,2-Dichloroethene	5.310	96	188324	95.289	ug/l	95
22) Diisopropyl ether	6.216	45	556522	99.747	ug/l	98
23) Vinyl Acetate	6.157	43	1674122	519.732	ug/l	100
24) 1,1-Dichloroethane	6.116	63	334335	91.412	ug/l	99
25) 2-Butanone	7.087	43	265625	537.726	ug/l	98
26) 2,2-Dichloropropane	7.081	77	297539	93.794	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	227715	101.989	ug/l	98
28) Bromochloromethane	7.428	49	153580	92.016	ug/l #	96
29) Tetrahydrofuran	7.445	42	179433	554.588	ug/l	100
30) Chloroform	7.598	83	365691	97.796	ug/l	97
31) Cyclohexane	7.881	56	295560	100.948	ug/l	96
32) 1,1,1-Trichloroethane	7.792	97	304879	97.454	ug/l	99
36) 1,1-Dichloropropene	8.010	75	263860	106.806	ug/l	98
37) Ethyl Acetate	7.169	43	127282	105.069	ug/l	100
38) Carbon Tetrachloride	7.992	117	259547	100.582	ug/l	98
39) Methylcyclohexane	9.275	83	305731	113.911	ug/l	96
40) Benzene	8.251	78	799131	103.198	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020325\
 Data File : VD080223.D
 Acq On : 03 Feb 2025 12:15
 Operator : RP/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
 Supervised By :Semsettin Yesilyurt 02/04/2025

Quant Time: Feb 04 05:33:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 05:30:02 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	75592	113.197	ug/l	94
42) 1,2-Dichloroethane	8.328	62	219544	99.630	ug/l	100
43) Isopropyl Acetate	8.363	43	240605	111.911	ug/l	99
44) Trichloroethene	9.028	130	189876	106.141	ug/l	98
45) 1,2-Dichloropropane	9.304	63	203250	104.352	ug/l	99
46) Dibromomethane	9.392	93	110577	101.900	ug/l	99
47) Bromodichloromethane	9.581	83	279614	102.179	ug/l	99
48) Methyl methacrylate	9.381	41	116643	117.240	ug/l	90
49) 1,4-Dioxane	9.386	88	26145	2214.758	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	631249	580.649	ug/l	100
52) Toluene	10.333	92	495854	109.474	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	262056	112.335	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	308617	108.759	ug/l	97
55) 1,1,2-Trichloroethane	10.733	97	140701	99.789	ug/l	97
56) Ethyl methacrylate	10.598	69	202878	126.103	ug/l	99
57) 1,3-Dichloropropane	10.880	76	248409	106.516	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	411717	599.590	ug/l	100
59) 2-Hexanone	10.922	43	433461	607.612	ug/l	98
60) Dibromochloromethane	11.075	129	177991	102.415	ug/l	97
61) 1,2-Dibromoethane	11.180	107	130136	101.343	ug/l	100
64) Tetrachloroethene	10.810	164	157571	107.551	ug/l	97
65) Chlorobenzene	11.610	112	489394	101.799	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.680	131	163519	97.229	ug/l	97
67) Ethyl Benzene	11.680	91	864077	108.048	ug/l	98
68) m/p-Xylenes	11.792	106	655759	211.218	ug/l	99
69) o-Xylene	12.122	106	302955	107.008	ug/l	100
70) Styrene	12.133	104	537877	106.732	ug/l	99
71) Bromoform	12.298	173	93545	94.356	ug/l #	99
73) Isopropylbenzene	12.422	105	773437	106.797	ug/l	99
74) N-amyl acetate	12.233	43	204012	107.166	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	158949	105.473	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	102814m	94.934	ug/l	
77) Bromobenzene	12.698	156	208048	111.371	ug/l	99
78) n-propylbenzene	12.763	91	1049231	113.791	ug/l	100
79) 2-Chlorotoluene	12.845	91	587930	112.236	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	690712	114.042	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	56335	106.365	ug/l	97
82) 4-Chlorotoluene	12.945	91	609732	109.531	ug/l	100
83) tert-Butylbenzene	13.163	119	567074	114.527	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	684126	110.973	ug/l	100
85) sec-Butylbenzene	13.345	105	841852	111.199	ug/l	100
86) p-Isopropyltoluene	13.457	119	736112	113.871	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	392200	106.594	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	377690	101.420	ug/l	99
89) n-Butylbenzene	13.786	91	694879	110.617	ug/l	99
90) Hexachloroethane	14.051	117	158551	110.357	ug/l	97
91) 1,2-Dichlorobenzene	13.827	146	331306	102.190	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	24237	101.087	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	225879	109.299	ug/l	99
94) Hexachlorobutadiene	15.204	225	117727	105.184	ug/l	98
95) Naphthalene	15.327	128	417802	97.719	ug/l	98
96) 1,2,3-Trichlorobenzene	15.521	180	196011	105.099	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020325\
Data File : VD080223.D
Acq On : 03 Feb 2025 12:15
Operator : RP/MD
Sample : VSTDICC100
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

Quant Time: Feb 04 05:33:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 05:30:02 2025
Response via : Initial Calibration

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

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

