

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050422\
 Data File : VD072781.D
 Acq On : 04 May 2022 11:39
 Operator : VA/SY
 Sample : VD0504SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0504SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2022
 Supervised By :Mahesh Dadoda 05/05/2022

Quant Time: May 04 14:10:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	297251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	499839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	477949	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	238980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	197468	51.177	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.360%			
35) Dibromofluoromethane	7.908	113	190071	54.145	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.280%			
50) Toluene-d8	10.332	98	690440	54.831	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.660%			
62) 4-Bromofluorobenzene	12.620	95	256168	54.558	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	87303	21.254	ug/l	96
3) Chloromethane	2.209	50	82861	19.397	ug/l	97
4) Vinyl Chloride	2.350	62	78677	20.526	ug/l	100
5) Bromomethane	2.756	94	51017	20.734	ug/l	96
6) Chloroethane	2.915	64	47805	20.011	ug/l	95
7) Trichlorofluoromethane	3.268	101	139564	20.793	ug/l	100
8) Diethyl Ether	3.709	74	36568	19.003	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.097	101	82775	20.772	ug/l	97
10) Methyl Iodide	4.303	142	76258	19.069	ug/l	96
11) Tert butyl alcohol	5.191	59	45866	137.387	ug/l #	74
12) 1,1-Dichloroethene	4.062	96	72860	20.328	ug/l	94
13) Acrolein	3.920	56	26914	106.447	ug/l	98
14) Allyl chloride	4.715	41	114888	19.854	ug/l	94
15) Acrylonitrile	5.420	53	87872	96.085	ug/l	96
16) Acetone	4.162	43	72447	91.472	ug/l	100
17) Carbon Disulfide	4.409	76	219346	19.463	ug/l	97
18) Methyl Acetate	4.720	43	44732	21.163	ug/l	92
19) Methyl tert-butyl Ether	5.473	73	164850	19.185	ug/l	93
20) Methylene Chloride	4.962	84	106378	19.169	ug/l	88
21) trans-1,2-Dichloroethene	5.467	96	83185	20.236	ug/l	94
22) Diisopropyl ether	6.356	45	253841	19.941	ug/l	97
23) Vinyl Acetate	6.303	43	685616	97.498	ug/l	96
24) 1,1-Dichloroethane	6.261	63	155242	20.298	ug/l	99
25) 2-Butanone	7.208	43	109284	97.205	ug/l	94
26) 2,2-Dichloropropane	7.197	77	129513	20.031	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	92201	19.583	ug/l	95
28) Bromochloromethane	7.544	49	53314	18.693	ug/l #	84
29) Tetrahydrofuran	7.556	42	68059	94.974	ug/l	92
30) Chloroform	7.708	83	164220	20.293	ug/l	99
31) Cyclohexane	7.979	56	138369	20.514	ug/l	90
32) 1,1,1-Trichloroethane	7.897	97	139098	20.168	ug/l	97
36) 1,1-Dichloropropene	8.103	75	119870	21.000	ug/l	96
37) Ethyl Acetate	7.291	43	51152	19.494	ug/l	97
38) Carbon Tetrachloride	8.091	117	127022	21.437	ug/l	100
39) Methylcyclohexane	9.350	83	134142	20.260	ug/l	97
40) Benzene	8.344	78	335136	20.331	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050422\
 Data File : VD072781.D
 Acq On : 04 May 2022 11:39
 Operator : VA/SY
 Sample : VD0504SBSD01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0504SBSD01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/05/2022
 Supervised By : Mahesh Dadoda 05/05/2022

Quant Time: May 04 14:10:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	29072	18.607	ug/l	92
42) 1,2-Dichloroethane	8.420	62	100605	20.253	ug/l	96
43) Isopropyl Acetate	8.444	43	96564	19.938	ug/l #	94
44) Trichloroethene	9.102	130	90840	20.599	ug/l	91
45) 1,2-Dichloropropane	9.379	63	87173	20.137	ug/l	97
46) Dibromomethane	9.473	93	49853	20.877	ug/l	97
47) Bromodichloromethane	9.655	83	123558	20.113	ug/l #	98
48) Methyl methacrylate	9.444	41	47663	20.117	ug/l	91
49) 1,4-Dioxane	9.455	88	11051	410.964	ug/l	99
51) 4-Methyl-2-Pentanone	10.220	43	250817	99.662	ug/l	96
52) Toluene	10.397	92	219269	21.324	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	114992	20.379	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	133335	20.339	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	66571	20.622	ug/l	93
56) Ethyl methacrylate	10.655	69	75731	19.925	ug/l #	88
57) 1,3-Dichloropropane	10.938	76	114078	20.593	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	185395	100.604	ug/l	97
59) 2-Hexanone	10.973	43	168643	99.586	ug/l	97
60) Dibromochloromethane	11.132	129	81857	20.143	ug/l	100
61) 1,2-Dibromoethane	11.238	107	62455	19.877	ug/l	95
64) Tetrachloroethene	10.867	164	74294	21.261	ug/l	99
65) Chlorobenzene	11.661	112	233528	21.125	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	87045	20.952	ug/l	97
67) Ethyl Benzene	11.738	91	395109	20.652	ug/l	99
68) m/p-Xylenes	11.844	106	318643	43.238	ug/l	97
69) o-Xylene	12.173	106	148928	21.638	ug/l	92
70) Styrene	12.185	104	255193	21.400	ug/l	97
71) Bromoform	12.349	173	46545	20.672	ug/l #	97
73) Isopropylbenzene	12.467	105	387154	20.822	ug/l	100
74) N-amyl acetate	12.279	43	91186	19.693	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	75771	20.188	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	54892m	20.599	ug/l	
77) Bromobenzene	12.749	156	89675	20.310	ug/l	97
78) n-propylbenzene	12.808	91	492223	21.005	ug/l	99
79) 2-Chlorotoluene	12.896	91	282601	20.644	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	330541	20.966	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	23302	20.109	ug/l	91
82) 4-Chlorotoluene	12.991	91	298221	20.851	ug/l	100
83) tert-Butylbenzene	13.208	119	273789	20.426	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	333302	21.150	ug/l	99
85) sec-Butylbenzene	13.385	105	429205	21.231	ug/l	100
86) p-Isopropyltoluene	13.502	119	346705	20.917	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	184722	20.768	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	184756	20.859	ug/l	99
89) n-Butylbenzene	13.826	91	332445	20.705	ug/l	99
90) Hexachloroethane	14.096	117	71934	21.185	ug/l	94
91) 1,2-Dichlorobenzene	13.873	146	161423	20.824	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	11888	19.981	ug/l	92
93) 1,2,4-Trichlorobenzene	15.143	180	90390	19.690	ug/l	98
94) Hexachlorobutadiene	15.249	225	50515	20.148	ug/l	98
95) Naphthalene	15.379	128	158317	18.757	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	80803	19.856	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050422\
Data File : VD072781.D
Acq On : 04 May 2022 11:39
Operator : VA/SY
Sample : VD0504SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0504SBSD01

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

Quant Time: May 04 14:10:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
Response via : Initial Calibration

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

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

