

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020222\
 Data File : VD071875.D
 Acq On : 02 Feb 2022 12:33
 Operator : VA/SY
 Sample : VD0202SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0202SBS01

Quant Time: Feb 03 01:06:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 02/03/2022
 Supervised By : Mahesh Dadoda 02/07/2022

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	369139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	616344	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	580111	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	277758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	288931	61.926	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.860%			
35) Dibromofluoromethane	7.914	113	248056	61.227	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 122.460%			
50) Toluene-d8	10.338	98	902567	59.652	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 119.300%			
62) 4-Bromofluorobenzene	12.620	95	313045	59.246	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 118.500%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	99091	22.637	ug/l	95
3) Chloromethane	2.209	50	120724	23.035	ug/l	89
4) Vinyl Chloride	2.350	62	116142	21.167	ug/l	100
5) Bromomethane	2.756	94	72372	19.991	ug/l	97
6) Chloroethane	2.915	64	73820	21.230	ug/l	97
7) Trichlorofluoromethane	3.273	101	164111	20.871	ug/l	96
8) Diethyl Ether	3.709	74	45505	21.932	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.091	101	93435	21.062	ug/l	98
10) Methyl Iodide	4.297	142	73537	16.170	ug/l	95
11) Tert butyl alcohol	5.215	59	30518	81.845	ug/l #	86
12) 1,1-Dichloroethene	4.068	96	83823	20.669	ug/l	92
13) Acrolein	3.920	56	51940	125.335	ug/l	98
14) Allyl chloride	4.715	41	161333	20.870	ug/l	100
15) Acrylonitrile	5.420	53	128222	121.596	ug/l	99
16) Acetone	4.156	43	128646	100.725	ug/l	99
17) Carbon Disulfide	4.409	76	279956	19.798	ug/l	99
18) Methyl Acetate	4.720	43	65037	23.552	ug/l	99
19) Methyl tert-butyl Ether	5.485	73	209822	21.627	ug/l	95
20) Methylene Chloride	4.962	84	101493	19.489	ug/l	91
21) trans-1,2-Dichloroethene	5.473	96	96451	20.429	ug/l	91
22) Diisopropyl ether	6.362	45	326519	21.551	ug/l	98
23) Vinyl Acetate	6.303	43	951822	113.878	ug/l	99
24) 1,1-Dichloroethane	6.267	63	188617	21.358	ug/l	97
25) 2-Butanone	7.209	43	170765	114.690	ug/l	99
26) 2,2-Dichloropropane	7.209	77	144529	19.777	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	105650	20.835	ug/l	98
28) Bromochloromethane	7.544	49	60989	18.310	ug/l	100
29) Tetrahydrofuran	7.561	42	106991	121.445	ug/l	99
30) Chloroform	7.709	83	194576	21.567	ug/l	95
31) Cyclohexane	7.985	56	178053	19.989	ug/l	97
32) 1,1,1-Trichloroethane	7.897	97	162935	20.475	ug/l	98
36) 1,1-Dichloropropene	8.108	75	143036	20.570	ug/l	98
37) Ethyl Acetate	7.291	43	78297	24.218	ug/l #	94
38) Carbon Tetrachloride	8.097	117	147422	21.438	ug/l	97
39) Methylcyclohexane	9.350	83	163183	20.253	ug/l	95
40) Benzene	8.350	78	395233	21.056	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020222\
 Data File : VD071875.D
 Acq On : 02 Feb 2022 12:33
 Operator : VA/SY
 Sample : VD0202SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0202SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/03/2022
 Supervised By : Mahesh Dadoda 02/07/2022

Quant Time: Feb 03 01:06:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	41311	22.587	ug/l	94
42) 1,2-Dichloroethane	8.420	62	133291	22.488	ug/l	100
43) Isopropyl Acetate	8.450	43	138822	23.891	ug/l	100
44) Trichloroethene	9.108	130	101891	21.024	ug/l	94
45) 1,2-Dichloropropane	9.379	63	105521	21.802	ug/l	94
46) Dibromomethane	9.473	93	58813	23.208	ug/l	97
47) Bromodichloromethane	9.655	83	146565	21.868	ug/l	99
48) Methyl methacrylate	9.455	41	69181	22.497	ug/l	97
49) 1,4-Dioxane	9.455	88	13598	470.108	ug/l #	92
51) 4-Methyl-2-Pentanone	10.226	43	365756	120.286	ug/l	100
52) Toluene	10.397	92	252911	21.668	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	134763	21.893	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	155834	21.597	ug/l	98
55) 1,1,2-Trichloroethane	10.791	97	76310	22.689	ug/l	96
56) Ethyl methacrylate	10.655	69	92988	22.330	ug/l	99
57) 1,3-Dichloropropane	10.938	76	137468	22.895	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	218129	111.273	ug/l	98
59) 2-Hexanone	10.979	43	250434	113.474	ug/l	97
60) Dibromochloromethane	11.132	129	93804	22.586	ug/l	99
61) 1,2-Dibromoethane	11.238	107	73911	22.809	ug/l	100
64) Tetrachloroethene	10.867	164	83968	20.463	ug/l	96
65) Chlorobenzene	11.661	112	254475	20.735	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	97113	21.751	ug/l	98
67) Ethyl Benzene	11.738	91	459157	20.333	ug/l	97
68) m/p-Xylenes	11.849	106	354291	41.247	ug/l	98
69) o-Xylene	12.173	106	161961	20.749	ug/l	99
70) Styrene	12.185	104	284955	21.179	ug/l	99
71) Bromoform	12.355	173	53164	22.302	ug/l #	99
73) Isopropylbenzene	12.473	105	430185	20.001	ug/l	99
74) N-amyl acetate	12.279	43	123332	23.317	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	91349	22.951	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	63585m	21.722	ug/l	
77) Bromobenzene	12.749	156	98256	20.537	ug/l	100
78) n-propylbenzene	12.814	91	554653	20.566	ug/l	99
79) 2-Chlorotoluene	12.896	91	309304	20.238	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	369661	20.721	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	25844	21.708	ug/l	99
82) 4-Chlorotoluene	12.996	91	325211	20.453	ug/l	100
83) tert-Butylbenzene	13.214	119	302470	20.458	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	363941	20.739	ug/l	98
85) sec-Butylbenzene	13.391	105	470462	20.336	ug/l	99
86) p-Isopropyltoluene	13.502	119	389215	20.704	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	200260	20.613	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	199570	20.583	ug/l	99
89) n-Butylbenzene	13.832	91	373928	20.274	ug/l	99
90) Hexachloroethane	14.096	117	76903	20.581	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	176734	21.257	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	16467	24.981	ug/l	86
93) 1,2,4-Trichlorobenzene	15.143	180	101307	20.859	ug/l	99
94) Hexachlorobutadiene	15.249	225	57089	21.557	ug/l	98
95) Naphthalene	15.385	128	195407	21.117	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	90585	21.760	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020222\
 Data File : VD071875.D
 Acq On : 02 Feb 2022 12:33
 Operator : VA/SY
 Sample : VD0202SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
ClientSampleId :
 VD0202SBS01

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 02/03/2022
 Supervised By :Mahesh Dadoda 02/07/2022

Quant Time: Feb 03 01:06:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

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

