

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020422\
 Data File : VD071897.D
 Acq On : 04 Feb 2022 14:29
 Operator : VA/SY
 Sample : VD0204SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0204SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/07/2022
 Supervised By : Mahesh Dadoda 02/08/2022

Quant Time: Feb 07 04:18:23 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)

Internal Standards						
1) Pentafluorobenzene	7.973	168	392206	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	653110	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	604885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	297909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	235838	47.574	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.140%
35) Dibromofluoromethane	7.908	113	210388	49.006	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.020%
50) Toluene-d8	10.332	98	798926	49.829	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.660%
62) 4-Bromofluorobenzene	12.620	95	275168	49.146	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	100893	21.693	ug/l	96
3) Chloromethane	2.209	50	107682	19.338	ug/l	95
4) Vinyl Chloride	2.344	62	115537	19.819	ug/l	95
5) Bromomethane	2.750	94	72789	18.924	ug/l	96
6) Chloroethane	2.914	64	74543	20.177	ug/l	95
7) Trichlorofluoromethane	3.262	101	165398	19.797	ug/l	93
8) Diethyl Ether	3.709	74	40691	18.459	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.091	101	96387	20.450	ug/l	99
10) Methyl Iodide	4.297	142	70504	14.591	ug/l #	94
11) Tert butyl alcohol	5.220	59	27649	62.448	ug/l #	91
12) 1,1-Dichloroethene	4.061	96	82511	19.149	ug/l	97
13) Acrolein	3.926	56	39661	90.076	ug/l	98
14) Allyl chloride	4.709	41	155580	18.942	ug/l	98
15) Acrylonitrile	5.414	53	103157	92.073	ug/l	99
16) Acetone	4.156	43	109994	81.056	ug/l	93
17) Carbon Disulfide	4.403	76	266517	17.739	ug/l	99
18) Methyl Acetate	4.720	43	53360	18.187	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	189012	18.336	ug/l	95
20) Methylene Chloride	4.961	84	98427	17.436	ug/l	97
21) trans-1,2-Dichloroethene	5.467	96	93471	18.634	ug/l	95
22) Diisopropyl ether	6.361	45	309238	19.210	ug/l	99
23) Vinyl Acetate	6.303	43	809783	91.186	ug/l	99
24) 1,1-Dichloroethane	6.261	63	186057	19.829	ug/l	97
25) 2-Butanone	7.202	43	142142	89.851	ug/l	98
26) 2,2-Dichloropropane	7.208	77	145863	18.786	ug/l	100
27) cis-1,2-Dichloroethene	7.202	96	103329	19.179	ug/l	98
28) Bromochloromethane	7.544	49	59184	16.723	ug/l	97
29) Tetrahydrofuran	7.561	42	86394	92.298	ug/l	98
30) Chloroform	7.702	83	187002	19.508	ug/l	97
31) Cyclohexane	7.979	56	175201	18.512	ug/l	96
32) 1,1,1-Trichloroethane	7.897	97	164130	19.412	ug/l	97
36) 1,1-Dichloropropene	8.108	75	143545	19.481	ug/l	100
37) Ethyl Acetate	7.285	43	64200	18.740	ug/l #	96
38) Carbon Tetrachloride	8.091	117	144825	19.875	ug/l	97
39) Methylcyclohexane	9.349	83	164476	19.264	ug/l	96
40) Benzene	8.344	78	383285	19.270	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020422\
 Data File : VD071897.D
 Acq On : 04 Feb 2022 14:29
 Operator : VA/SY
 Sample : VD0204SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0204SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/07/2022
 Supervised By : Mahesh Dadoda 02/08/2022

Quant Time: Feb 07 04:18:23 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	7.514	41	34955	18.036	ug/l	95
42) 1,2-Dichloroethane	8.420	62	123205	19.616	ug/l	99
43) Isopropyl Acetate	8.450	43	114502	18.596	ug/l	97
44) Trichloroethene	9.108	130	101757	19.814	ug/l	90
45) 1,2-Dichloropropane	9.385	63	99952	19.489	ug/l	95
46) Dibromomethane	9.467	93	51314	19.109	ug/l	99
47) Bromodichloromethane	9.655	83	136626	19.238	ug/l	97
48) Methyl methacrylate	9.449	41	57694	17.705	ug/l	98
49) 1,4-Dioxane	9.455	88	11443	373.336	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	308232	95.662	ug/l	100
52) Toluene	10.396	92	242416	19.600	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	121841	18.679	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	142665	18.659	ug/l	98
55) 1,1,2-Trichloroethane	10.791	97	71736	20.128	ug/l	98
56) Ethyl methacrylate	10.655	69	78627	17.819	ug/l	99
57) 1,3-Dichloropropane	10.938	76	123941	19.480	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.938	63	201606	97.055	ug/l	100
59) 2-Hexanone	10.979	43	214619	91.771	ug/l	96
60) Dibromochloromethane	11.132	129	87727	19.933	ug/l	98
61) 1,2-Dibromoethane	11.238	107	64037	18.649	ug/l	97
64) Tetrachloroethene	10.867	164	82244	19.222	ug/l	95
65) Chlorobenzene	11.661	112	249873	19.526	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	92717	19.916	ug/l	97
67) Ethyl Benzene	11.738	91	451829	19.189	ug/l	99
68) m/p-Xylenes	11.843	106	348563	38.918	ug/l	99
69) o-Xylene	12.173	106	156302	19.204	ug/l	99
70) Styrene	12.185	104	270844	19.306	ug/l	99
71) Bromoform	12.349	173	47382	19.062	ug/l #	99
73) Isopropylbenzene	12.473	105	419974	18.206	ug/l	99
74) N-amyl acetate	12.279	43	105811	18.651	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	80018	18.744	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	61161m	19.481	ug/l	
77) Bromobenzene	12.749	156	92231	17.973	ug/l	97
78) n-propylbenzene	12.808	91	545603	18.862	ug/l	99
79) 2-Chlorotoluene	12.896	91	305677	18.648	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	369766	19.325	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	21401	16.760	ug/l	96
82) 4-Chlorotoluene	12.996	91	322394	18.904	ug/l	99
83) tert-Butylbenzene	13.214	119	301254	18.998	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	357971	19.019	ug/l	98
85) sec-Butylbenzene	13.390	105	475717	19.173	ug/l	99
86) p-Isopropyltoluene	13.502	119	380998	18.896	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	194374	18.654	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	195133	18.764	ug/l	99
89) n-Butylbenzene	13.832	91	378015	19.109	ug/l	99
90) Hexachloroethane	14.096	117	79133	19.745	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	166203	18.639	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	11938	16.886	ug/l	92
93) 1,2,4-Trichlorobenzene	15.149	180	95428	18.319	ug/l	98
94) Hexachlorobutadiene	15.249	225	56507	19.894	ug/l	98
95) Naphthalene	15.384	128	166554	17.080	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	82414	18.458	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020422\
 Data File : VD071897.D
 Acq On : 04 Feb 2022 14:29
 Operator : VA/SY
 Sample : VD0204SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
ClientSampleId :
 VD0204SBS01

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 02/07/2022
 Supervised By :Mahesh Dadoda 02/08/2022

Quant Time: Feb 07 04:18:23 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

