

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022222\
 Data File : VD072050.D
 Acq On : 22 Feb 2022 11:49
 Operator : VA/SY
 Sample : VD0222SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0222SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/23/2022
 Supervised By : Mahesh Dadoda 02/23/2022

Quant Time: Feb 23 05:29:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	453469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	749743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	692329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	338213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	247960	52.715	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.420%			
35) Dibromofluoromethane	7.914	113	238636	52.534	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.060%			
50) Toluene-d8	10.332	98	926835	55.020	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.040%			
62) 4-Bromofluorobenzene	12.626	95	323657	52.306	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	84228	19.700	ug/l	95
3) Chloromethane	2.209	50	71214	18.574	ug/l	97
4) Vinyl Chloride	2.350	62	68023	17.623	ug/l	96
5) Bromomethane	2.750	94	48518	18.739	ug/l	98
6) Chloroethane	2.915	64	44215	18.124	ug/l	100
7) Trichlorofluoromethane	3.267	101	145495	19.484	ug/l	99
8) Diethyl Ether	3.709	74	40969	19.245	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	88630	18.997	ug/l	98
10) Methyl Iodide	4.303	142	68005	15.364	ug/l	97
11) Tert butyl alcohol	5.220	59	27148	101.153	ug/l #	84
12) 1,1-Dichloroethene	4.067	96	73978	17.852	ug/l	97
13) Acrolein	3.920	56	50102	94.669	ug/l	99
14) Allyl chloride	4.714	41	129292	17.803	ug/l	96
15) Acrylonitrile	5.420	53	109423	95.106	ug/l	99
16) Acetone	4.162	43	89449	87.990	ug/l	99
17) Carbon Disulfide	4.403	76	167263	14.970	ug/l	96
18) Methyl Acetate	4.720	43	56435	21.189	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	199736	19.813	ug/l	99
20) Methylene Chloride	4.961	84	93644	18.509	ug/l	94
21) trans-1,2-Dichloroethene	5.467	96	81537	17.511	ug/l	96
22) Diisopropyl ether	6.361	45	294077	19.392	ug/l	98
23) Vinyl Acetate	6.303	43	742070	91.630	ug/l	98
24) 1,1-Dichloroethane	6.261	63	171979	19.062	ug/l	98
25) 2-Butanone	7.208	43	133800	95.229	ug/l	99
26) 2,2-Dichloropropane	7.208	77	141243	19.564	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	102659	19.243	ug/l	99
28) Bromochloromethane	7.544	49	69557	18.085	ug/l	100
29) Tetrahydrofuran	7.567	42	83297	92.893	ug/l	98
30) Chloroform	7.708	83	186018	20.082	ug/l	100
31) Cyclohexane	7.985	56	138284	16.644	ug/l	97
32) 1,1,1-Trichloroethane	7.902	97	156328	19.611	ug/l	98
36) 1,1-Dichloropropene	8.108	75	123688	17.976	ug/l	99
37) Ethyl Acetate	7.297	43	57883	18.141	ug/l #	90
38) Carbon Tetrachloride	8.097	117	138459	19.633	ug/l	96
39) Methylcyclohexane	9.355	83	138879	17.245	ug/l	97
40) Benzene	8.350	78	360016	18.542	ug/l	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022222\
 Data File : VD072050.D
 Acq On : 22 Feb 2022 11:49
 Operator : VA/SY
 Sample : VD0222SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0222SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/23/2022
 Supervised By : Mahesh Dadoda 02/23/2022

Quant Time: Feb 23 05:29:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	34911	17.644	ug/l	96
42) 1,2-Dichloroethane	8.420	62	110475	18.968	ug/l	99
43) Isopropyl Acetate	8.450	43	113988	19.184	ug/l	99
44) Trichloroethene	9.108	130	99155	18.737	ug/l	98
45) 1,2-Dichloropropane	9.385	63	97662	18.857	ug/l	98
46) Dibromomethane	9.473	93	51913	18.993	ug/l	98
47) Bromodichloromethane	9.655	83	143819	20.398	ug/l	98
48) Methyl methacrylate	9.455	41	52647	17.540	ug/l #	88
49) 1,4-Dioxane	9.455	88	13367	412.262	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	313668	99.610	ug/l	98
52) Toluene	10.396	92	240154	19.328	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	124323	19.281	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	150433	19.712	ug/l	99
55) 1,1,2-Trichloroethane	10.796	97	78236	20.340	ug/l	97
56) Ethyl methacrylate	10.655	69	88239	19.211	ug/l	98
57) 1,3-Dichloropropane	10.938	76	128528	19.334	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	209658	102.029	ug/l	99
59) 2-Hexanone	10.979	43	206811	96.287	ug/l	99
60) Dibromochloromethane	11.132	129	96123	20.012	ug/l	97
61) 1,2-Dibromoethane	11.238	107	69958	19.033	ug/l	99
64) Tetrachloroethene	10.873	164	81396	18.622	ug/l	93
65) Chlorobenzene	11.661	112	261362	19.478	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	103480	20.779	ug/l	97
67) Ethyl Benzene	11.738	91	453012	19.200	ug/l	100
68) m/p-Xylenes	11.849	106	351636	38.932	ug/l	100
69) o-Xylene	12.173	106	171952	20.238	ug/l	99
70) Styrene	12.185	104	302943	20.777	ug/l	99
71) Bromoform	12.349	173	58883	20.616	ug/l #	97
73) Isopropylbenzene	12.473	105	462907	19.934	ug/l	99
74) N-amyl acetate	12.279	43	109834	19.587	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	89655	19.527	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	72052m	22.491	ug/l	
77) Bromobenzene	12.749	156	109040	20.051	ug/l	98
78) n-propylbenzene	12.814	91	572033	20.041	ug/l	100
79) 2-Chlorotoluene	12.896	91	334767	20.264	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	399193	20.587	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	25432	19.880	ug/l	98
82) 4-Chlorotoluene	12.996	91	343176	19.959	ug/l	99
83) tert-Butylbenzene	13.214	119	340126	20.415	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	393729	20.655	ug/l	99
85) sec-Butylbenzene	13.390	105	527087	20.769	ug/l	99
86) p-Isopropyltoluene	13.502	119	431737	20.683	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	223787	20.358	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	224063	20.285	ug/l	99
89) n-Butylbenzene	13.832	91	407081	20.509	ug/l	99
90) Hexachloroethane	14.096	117	85425	20.388	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	197005	20.436	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	15301	21.393	ug/l	95
93) 1,2,4-Trichlorobenzene	15.149	180	123428	20.845	ug/l	100
94) Hexachlorobutadiene	15.249	225	68715	21.104	ug/l	98
95) Naphthalene	15.384	128	221341	20.591	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	109337	21.407	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022222\
Data File : VD072050.D
Acq On : 22 Feb 2022 11:49
Operator : VA/SY
Sample : VD0222SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0222SBSD01

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

Quant Time: Feb 23 05:29:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 19 04:05:38 2022
Response via : Initial Calibration

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

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

