

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122521\
 Data File : VD071459.D
 Acq On : 25 Dec 2021 15:48
 Operator : VA/SY
 Sample : VD1225SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1225SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/27/2021
 Supervised By : Mahesh Dadoda 01/02/2022

Quant Time: Dec 27 00:50:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	339977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	572495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	524515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	251749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	225491	49.941	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.880%		
35) Dibromofluoromethane	7.914	113	199212	51.775	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.560%		
50) Toluene-d8	10.332	98	753066	51.792	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.580%		
62) 4-Bromofluorobenzene	12.620	95	267388	51.751	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	103.500%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	70966	19.921	ug/l	93
3) Chloromethane	2.215	50	90794	19.904	ug/l	96
4) Vinyl Chloride	2.350	62	104330	19.086	ug/l	99
5) Bromomethane	2.762	94	73676	19.266	ug/l	92
6) Chloroethane	2.920	64	71764	19.782	ug/l	94
7) Trichlorofluoromethane	3.273	101	138678	20.723	ug/l	100
8) Diethyl Ether	3.714	74	37354	19.498	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.097	101	81640	20.969	ug/l	95
10) Methyl Iodide	4.297	142	76425	20.185	ug/l	94
11) Tert butyl alcohol	5.203	59	46330	110.477	ug/l #	86
12) 1,1-Dichloroethene	4.067	96	71185	20.097	ug/l	84
13) Acrolein	3.914	56	22283	102.162	ug/l	96
14) Allyl chloride	4.720	41	142039	21.201	ug/l #	80
15) Acrylonitrile	5.414	53	94994	100.686	ug/l	97
16) Acetone	4.156	43	104338	91.999	ug/l #	81
17) Carbon Disulfide	4.409	76	215993	18.716	ug/l	96
18) Methyl Acetate	4.720	43	71848	20.525	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	183033	20.018	ug/l	100
20) Methylene Chloride	4.967	84	103613	20.109	ug/l	91
21) trans-1,2-Dichloroethene	5.473	96	84838	20.679	ug/l	97
22) Diisopropyl ether	6.367	45	285484	20.932	ug/l	94
23) Vinyl Acetate	6.303	43	691071	98.292	ug/l	95
24) 1,1-Dichloroethane	6.261	63	165271	21.138	ug/l	99
25) 2-Butanone	7.214	43	124844	92.159	ug/l #	86
26) 2,2-Dichloropropane	7.208	77	137937	21.471	ug/l	94
27) cis-1,2-Dichloroethene	7.208	96	96250	21.211	ug/l	91
28) Bromochloromethane	7.544	49	61049	19.054	ug/l	90
29) Tetrahydrofuran	7.555	42	78729	96.796	ug/l	95
30) Chloroform	7.708	83	168855	21.403	ug/l	95
31) Cyclohexane	7.985	56	152483	19.880	ug/l #	93
32) 1,1,1-Trichloroethane	7.897	97	148470	21.220	ug/l #	93
36) 1,1-Dichloropropene	8.108	75	132422	21.542	ug/l	96
37) Ethyl Acetate	7.291	43	56020	19.740	ug/l	94
38) Carbon Tetrachloride	8.097	117	130600	21.535	ug/l	92
39) Methylcyclohexane	9.349	83	147727	20.530	ug/l	96
40) Benzene	8.344	78	345014	20.878	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122521\
 Data File : VD071459.D
 Acq On : 25 Dec 2021 15:48
 Operator : VA/SY
 Sample : VD1225SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1225SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/27/2021
 Supervised By : Mahesh Dadoda 01/02/2022

Quant Time: Dec 27 00:50:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	32915	19.527	ug/l #	78
42) 1,2-Dichloroethane	8.420	62	112800	20.933	ug/l	93
43) Isopropyl Acetate	8.450	43	106454	18.902	ug/l	90
44) Trichloroethene	9.108	130	91550	21.260	ug/l	89
45) 1,2-Dichloropropane	9.379	63	91644	21.372	ug/l	97
46) Dibromomethane	9.467	93	49388	20.847	ug/l	94
47) Bromodichloromethane	9.655	83	128778	21.411	ug/l	99
48) Methyl methacrylate	9.455	41	55889	20.054	ug/l #	79
49) 1,4-Dioxane	9.461	88	10077	376.418	ug/l #	90
51) 4-Methyl-2-Pentanone	10.220	43	283709	95.751	ug/l	91
52) Toluene	10.396	92	220271	20.983	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	115602	20.582	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	135353	20.855	ug/l #	78
55) 1,1,2-Trichloroethane	10.796	97	64445	21.431	ug/l	95
56) Ethyl methacrylate	10.655	69	78619	19.868	ug/l #	77
57) 1,3-Dichloropropane	10.938	76	112931	20.503	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	186506	98.394	ug/l	100
59) 2-Hexanone	10.979	43	193517	92.398	ug/l	89
60) Dibromochloromethane	11.132	129	79136	20.935	ug/l	100
61) 1,2-Dibromoethane	11.238	107	61354	20.600	ug/l	99
64) Tetrachloroethene	10.873	164	75480	20.708	ug/l	96
65) Chlorobenzene	11.661	112	228858	21.271	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.738	131	82488	20.987	ug/l	98
67) Ethyl Benzene	11.738	91	429394	21.445	ug/l	100
68) m/p-Xylenes	11.843	106	324590	42.669	ug/l	96
69) o-Xylene	12.173	106	153179	22.029	ug/l	99
70) Styrene	12.185	104	260270	21.546	ug/l	98
71) Bromoform	12.349	173	42972	20.204	ug/l #	98
73) Isopropylbenzene	12.473	105	406773	20.958	ug/l	100
74) N-amyl acetate	12.279	43	100497	19.299	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	71998	20.518	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	56514m	18.893	ug/l	
77) Bromobenzene	12.749	156	90724	21.006	ug/l	98
78) n-propylbenzene	12.808	91	516850	21.245	ug/l	99
79) 2-Chlorotoluene	12.896	91	285817	21.022	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	346965	21.673	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.514	75	19733	18.640	ug/l #	78
82) 4-Chlorotoluene	12.996	91	301739	21.396	ug/l	99
83) tert-Butylbenzene	13.214	119	292663	21.394	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	340919	21.517	ug/l	98
85) sec-Butylbenzene	13.390	105	448132	21.488	ug/l	99
86) p-Isopropyltoluene	13.502	119	367362	21.230	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	182572	20.991	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	178946	20.982	ug/l	97
89) n-Butylbenzene	13.832	91	361742	21.299	ug/l	97
90) Hexachloroethane	14.096	117	69042	21.062	ug/l	93
91) 1,2-Dichlorobenzene	13.879	146	152566	20.668	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.490	75	11867	19.501	ug/l	94
93) 1,2,4-Trichlorobenzene	15.149	180	92904	20.653	ug/l	97
94) Hexachlorobutadiene	15.255	225	52373	21.734	ug/l	98
95) Naphthalene	15.384	128	166627	19.460	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	80479	20.685	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122521\
Data File : VD071459.D
Acq On : 25 Dec 2021 15:48
Operator : VA/SY
Sample : VD1225SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1225SBSD01

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/27/2021
Supervised By :Mahesh Dadoda 01/02/2022

Quant Time: Dec 27 00:50:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
Response via : Initial Calibration

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

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

