

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
 Data File : VD071439.D
 Acq On : 23 Dec 2021 13:30
 Operator : VA/SY
 Sample : VD1223SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1223SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/24/2021
 Supervised By : Mahesh Dadoda 12/28/2021

Quant Time: Dec 23 14:53:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122215.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	7.979	168	346755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	603394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	552916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	259708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	212898	46.230	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.460%		
35) Dibromofluoromethane	7.908	113	190679	47.020	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.040%		
50) Toluene-d8	10.338	98	716617	46.761	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.520%		
62) 4-Bromofluorobenzene	12.620	95	247454	45.440	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	90.880%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	73780	20.306	ug/l	93
3) Chloromethane	2.209	50	100842	21.675	ug/l	93
4) Vinyl Chloride	2.350	62	116298	20.859	ug/l	98
5) Bromomethane	2.762	94	83967	21.528	ug/l	98
6) Chloroethane	2.914	64	80174	21.668	ug/l	95
7) Trichlorofluoromethane	3.273	101	143331	21.000	ug/l	99
8) Diethyl Ether	3.709	74	40870	20.916	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.091	101	79849	20.109	ug/l	97
10) Methyl Iodide	4.297	142	76495	19.809	ug/l	95
11) Tert butyl alcohol	5.214	59	41998m	93.176	ug/l	
12) 1,1-Dichloroethene	4.073	96	77389	21.422	ug/l	89
13) Acrolein	3.926	56	22873	102.817	ug/l	99
14) Allyl chloride	4.708	41	146741	21.475	ug/l #	78
15) Acrylonitrile	5.420	53	98699	102.568	ug/l	95
16) Acetone	4.161	43	109244	94.442	ug/l #	86
17) Carbon Disulfide	4.414	76	250499	21.281	ug/l	98
18) Methyl Acetate	4.726	43	66772	18.702	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	189481	20.318	ug/l	91
20) Methylene Chloride	4.967	84	119235	23.682	ug/l	87
21) trans-1,2-Dichloroethene	5.473	96	88822	21.227	ug/l	96
22) Diisopropyl ether	6.361	45	294141	21.145	ug/l	90
23) Vinyl Acetate	6.303	43	741763	103.440	ug/l	96
24) 1,1-Dichloroethane	6.267	63	167958	21.062	ug/l	96
25) 2-Butanone	7.208	43	132815	96.127	ug/l	92
26) 2,2-Dichloropropane	7.214	77	137700	21.015	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	100018	21.611	ug/l	93
28) Bromochloromethane	7.550	49	67861	20.766	ug/l	90
29) Tetrahydrofuran	7.561	42	84658	102.051	ug/l	94
30) Chloroform	7.708	83	170267	21.161	ug/l	99
31) Cyclohexane	7.979	56	156830	20.047	ug/l	95
32) 1,1,1-Trichloroethane	7.902	97	151581	21.241	ug/l	94
36) 1,1-Dichloropropene	8.108	75	134079	20.695	ug/l	96
37) Ethyl Acetate	7.291	43	59555	19.911	ug/l	93
38) Carbon Tetrachloride	8.097	117	131456	20.566	ug/l	95
39) Methylcyclohexane	9.349	83	152685	20.132	ug/l	95
40) Benzene	8.349	78	350078	20.100	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
 Data File : VD071439.D
 Acq On : 23 Dec 2021 13:30
 Operator : VA/SY
 Sample : VD1223SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1223SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/24/2021
 Supervised By : Mahesh Dadoda 12/28/2021

Quant Time: Dec 23 14:53:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12221S.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	7.520	41	32745	18.431	ug/l #	80
42) 1,2-Dichloroethane	8.426	62	114806	20.214	ug/l	96
43) Isopropyl Acetate	8.449	43	119281	20.095	ug/l #	89
44) Trichloroethene	9.114	130	95532	21.048	ug/l	98
45) 1,2-Dichloropropane	9.379	63	92699	20.511	ug/l	96
46) Dibromomethane	9.473	93	49882	19.978	ug/l	93
47) Bromodichloromethane	9.655	83	132158	20.847	ug/l	96
48) Methyl methacrylate	9.449	41	59929	20.402	ug/l #	78
49) 1,4-Dioxane	9.455	88	10815	383.298	ug/l	89
51) 4-Methyl-2-Pentanone	10.220	43	296180	94.841	ug/l	91
52) Toluene	10.396	92	222596	20.119	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	120463	20.350	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	143078	20.916	ug/l #	80
55) 1,1,2-Trichloroethane	10.796	97	64471	20.342	ug/l	93
56) Ethyl methacrylate	10.655	69	81446	19.528	ug/l #	71
57) 1,3-Dichloropropane	10.938	76	116204	20.017	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	197118	98.667	ug/l	100
59) 2-Hexanone	10.979	43	206622	93.603	ug/l	89
60) Dibromochloromethane	11.132	129	80568	20.222	ug/l	98
61) 1,2-Dibromoethane	11.238	107	63548	20.244	ug/l	100
64) Tetrachloroethene	10.873	164	74395	19.362	ug/l	94
65) Chlorobenzene	11.661	112	228530	20.150	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	84243	20.332	ug/l	99
67) Ethyl Benzene	11.738	91	431192	20.429	ug/l	100
68) m/p-Xylenes	11.843	106	332395	41.451	ug/l	97
69) o-Xylene	12.173	106	154381	21.061	ug/l	97
70) Styrene	12.190	104	265264	20.832	ug/l	97
71) Bromoform	12.349	173	44850	20.004	ug/l #	97
73) Isopropylbenzene	12.473	105	411226	20.538	ug/l	98
74) N-amyl acetate	12.279	43	105381	19.617	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	74965	20.709	ug/l	96
76) 1,2,3-Trichloropropane	12.773	75	64083m	20.767	ug/l	
77) Bromobenzene	12.755	156	89773	20.149	ug/l	99
78) n-propylbenzene	12.814	91	516662	20.587	ug/l	99
79) 2-Chlorotoluene	12.896	91	287982	20.533	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	336473	20.374	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	21021	19.248	ug/l #	73
82) 4-Chlorotoluene	12.996	91	298128	20.492	ug/l	99
83) tert-Butylbenzene	13.214	119	289212	20.494	ug/l	95
84) 1,2,4-Trimethylbenzene	13.261	105	335181	20.507	ug/l	99
85) sec-Butylbenzene	13.390	105	440294	20.465	ug/l	99
86) p-Isopropyltoluene	13.508	119	366853	20.551	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	178989	19.948	ug/l	98
88) 1,4-Dichlorobenzene	13.584	146	178502	20.289	ug/l	95
89) n-Butylbenzene	13.832	91	359056	20.493	ug/l	97
90) Hexachloroethane	14.102	117	70136	20.740	ug/l	94
91) 1,2-Dichlorobenzene	13.879	146	156465	20.547	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	11329	18.047	ug/l	99
93) 1,2,4-Trichlorobenzene	15.143	180	95091	20.491	ug/l	97
94) Hexachlorobutadiene	15.249	225	49714	19.998	ug/l	99
95) Naphthalene	15.384	128	173773	19.673	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	82313	20.508	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
Data File : VD071439.D
Acq On : 23 Dec 2021 13:30
Operator : VA/SY
Sample : VD1223SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1223SBSD01

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021

Quant Time: Dec 23 14:53:21 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

