

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120821\
 Data File : VD071198.D
 Acq On : 08 Dec 2021 11:48
 Operator : VA/SY
 Sample : VD1208SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1208SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

Quant Time: Dec 09 11:45:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						12/09/2021
1) Pentafluorobenzene	7.979	168	221430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	400138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	362699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	170581	50.000	ug/l	0.00
System Monitoring Compounds						12/10/2021
33) 1,2-Dichloroethane-d4	8.332	65	135134	52.010	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.020%
35) Dibromofluoromethane	7.914	113	129378	50.776	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.560%
50) Toluene-d8	10.338	98	447100	46.109	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.220%
62) 4-Bromofluorobenzene	12.626	95	160713	47.814	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.620%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	40188	21.283	ug/l	94
3) Chloromethane	2.214	50	57332	22.950	ug/l	98
4) Vinyl Chloride	2.350	62	64849	23.268	ug/l	97
5) Bromomethane	2.762	94	47644	23.714	ug/l	95
6) Chloroethane	2.920	64	47378	24.716	ug/l	93
7) Trichlorofluoromethane	3.273	101	81207	21.509	ug/l	100
8) Diethyl Ether	3.709	74	20926	20.445	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.103	101	46626	20.932	ug/l	96
10) Methyl Iodide	4.303	142	39029	18.258	ug/l	95
11) Tert butyl alcohol	5.203	59	33553	183.846	ug/l #	77
12) 1,1-Dichloroethene	4.073	96	40830	19.863	ug/l	87
13) Acrolein	3.926	56	17741	99.919	ug/l	97
14) Allyl chloride	4.714	41	76683	19.640	ug/l #	82
15) Acrylonitrile	5.414	53	53398	107.272	ug/l	100
16) Acetone	4.156	43	52292	97.253	ug/l	89
17) Carbon Disulfide	4.414	76	116466	19.351	ug/l	97
18) Methyl Acetate	4.714	43	41123	21.452	ug/l	96
19) Methyl tert-butyl Ether	5.473	73	98341	19.521	ug/l	95
20) Methylene Chloride	4.967	84	57160	19.231	ug/l #	80
21) trans-1,2-Dichloroethene	5.479	96	45503	19.665	ug/l	96
22) Diisopropyl ether	6.367	45	156590	20.017	ug/l	95
23) Vinyl Acetate	6.303	43	351610	101.285	ug/l	99
24) 1,1-Dichloroethane	6.261	63	90630	20.142	ug/l	96
25) 2-Butanone	7.208	43	68061	104.084	ug/l	91
26) 2,2-Dichloropropane	7.208	77	75548	18.464	ug/l	96
27) cis-1,2-Dichloroethene	7.214	96	52077	19.893	ug/l	91
28) Bromochloromethane	7.550	49	45773	23.421	ug/l	86
29) Tetrahydrofuran	7.567	42	41569	100.756	ug/l	96
30) Chloroform	7.714	83	92111	20.398	ug/l	98
31) Cyclohexane	7.985	56	84860	19.201	ug/l	97
32) 1,1,1-Trichloroethane	7.902	97	79580	19.629	ug/l #	92
36) 1,1-Dichloropropene	8.114	75	69702	18.638	ug/l	98
37) Ethyl Acetate	7.291	43	30428	18.836	ug/l #	91
38) Carbon Tetrachloride	8.091	117	71101	19.287	ug/l	89
39) Methylcyclohexane	9.355	83	79865	17.755	ug/l	99
40) Benzene	8.349	78	191995	18.900	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120821\
 Data File : VD071198.D
 Acq On : 08 Dec 2021 11:48
 Operator : VA/SY
 Sample : VD1208SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1208SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

Quant Time: Dec 09 11:45:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.520	41	16340	22.371	ug/l	#	57
42) 1,2-Dichloroethane	8.426	62	61578	19.859	ug/l		96
43) Isopropyl Acetate	8.449	43	59956	20.328	ug/l	#	89
44) Trichloroethene	9.108	130	51584	19.045	ug/l		87
45) 1,2-Dichloropropane	9.385	63	49383	18.485	ug/l		97
46) Dibromomethane	9.473	93	26260	18.947	ug/l		96
47) Bromodichloromethane	9.661	83	71040	19.381	ug/l		97
48) Methyl methacrylate	9.449	41	29744	18.810	ug/l	#	83
49) 1,4-Dioxane	9.461	88	5333	398.603	ug/l	#	86
51) 4-Methyl-2-Pentanone	10.226	43	153080	104.382	ug/l		91
52) Toluene	10.402	92	118237	18.344	ug/l		100
53) t-1,3-Dichloropropene	10.614	75	62502	18.546	ug/l		95
54) cis-1,3-Dichloropropene	10.085	75	74541	18.621	ug/l	#	81
55) 1,1,2-Trichloroethane	10.796	97	35456	19.500	ug/l		95
56) Ethyl methacrylate	10.655	69	42791	20.366	ug/l	#	76
57) 1,3-Dichloropropane	10.938	76	64104	20.069	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.938	63	139669	112.884	ug/l		99
59) 2-Hexanone	10.979	43	104207	99.994	ug/l		91
60) Dibromochloromethane	11.132	129	45590	20.174	ug/l		94
61) 1,2-Dibromoethane	11.243	107	33997	19.469	ug/l		100
64) Tetrachloroethene	10.873	164	41720	18.119	ug/l		94
65) Chlorobenzene	11.667	112	128267	19.060	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.738	131	45204	18.397	ug/l		98
67) Ethyl Benzene	11.738	91	232793	18.375	ug/l		97
68) m/p-Xylenes	11.843	106	173316	36.237	ug/l		97
69) o-Xylene	12.173	106	78915	17.555	ug/l		92
70) Styrene	12.190	104	138241	18.247	ug/l		99
71) Bromoform	12.355	173	24470	19.223	ug/l	#	98
73) Isopropylbenzene	12.473	105	216487	17.527	ug/l		100
74) N-amyl acetate	12.279	43	52291	19.401	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	42548	20.918	ug/l		98
76) 1,2,3-Trichloropropane	12.773	75	28907m	17.786	ug/l		
77) Bromobenzene	12.755	156	49905	18.654	ug/l		97
78) n-propylbenzene	12.814	91	273650	17.791	ug/l		99
79) 2-Chlorotoluene	12.902	91	156955	18.181	ug/l		99
80) 1,3,5-Trimethylbenzene	12.949	105	183610	18.027	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.520	75	10204	18.763	ug/l	#	75
82) 4-Chlorotoluene	12.996	91	158717	17.709	ug/l		100
83) tert-Butylbenzene	13.214	119	154422	17.654	ug/l		95
84) 1,2,4-Trimethylbenzene	13.261	105	177603	17.860	ug/l		99
85) sec-Butylbenzene	13.390	105	238539	17.855	ug/l		99
86) p-Isopropyltoluene	13.508	119	192682	17.634	ug/l		97
87) 1,3-Dichlorobenzene	13.508	146	98398	18.476	ug/l		98
88) 1,4-Dichlorobenzene	13.584	146	100951	19.133	ug/l		98
89) n-Butylbenzene	13.832	91	194432	18.228	ug/l		96
90) Hexachloroethane	14.102	117	37536	18.121	ug/l		93
91) 1,2-Dichlorobenzene	13.879	146	85700	18.923	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	6748	20.372	ug/l		93
93) 1,2,4-Trichlorobenzene	15.149	180	52371	18.538	ug/l		93
94) Hexachlorobutadiene	15.255	225	28864	18.058	ug/l		98
95) Naphthalene	15.384	128	88920	17.855	ug/l		97
96) 1,2,3-Trichlorobenzene	15.573	180	44101	18.380	ug/l		98

12/09/2021
 Supervised By : Mahesh
 Dadoda

12/10/2021

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120821\
 Data File : VD071198.D
 Acq On : 08 Dec 2021 11:48
 Operator : VA/SY
 Sample : VD1208SBSD01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1208SBSD01

Manual Integrations
 APPROVED

Reviewed By :Semsettin
 Yesilyurt

Quant Time: Dec 09 11:45:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

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

12/09/2021
 Supervised By :Mahesh
 Dadoda

12/10/2021

