

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102121\
 Data File : VD070793.D
 Acq On : 21 Oct 2021 11:30
 Operator : VA/SY
 Sample : VD1021SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1021SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/22/2021 7:08:17 PM

Quant Time: Oct 22 06:12:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	428457	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	710370	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	680081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	327312	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	241708	47.629	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.260%		
35) Dibromofluoromethane	7.909	113	215130	47.296	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.600%		
50) Toluene-d8	10.332	98	836853	47.995	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.000%		
62) 4-Bromofluorobenzene	12.620	95	287873	47.949	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.900%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	92358	18.437	ug/l	97
3) Chloromethane	2.209	50	138265	18.602	ug/l	99
4) Vinyl Chloride	2.344	62	139324	18.291	ug/l	98
5) Bromomethane	2.750	94	86497	18.624	ug/l	99
6) Chloroethane	2.909	64	89171	18.590	ug/l	95
7) Trichlorofluoromethane	3.268	101	169165	19.645	ug/l	97
8) Diethyl Ether	3.709	74	43277	18.863	ug/l	73
9) 1,1,2-Trichlorotrifluo...	4.091	101	99752	19.367	ug/l	97
10) Methyl Iodide	4.303	142	82359	17.710	ug/l	98
11) Tert butyl alcohol	5.215	59	27397	96.438	ug/l #	89
12) 1,1-Dichloroethene	4.068	96	86147	18.497	ug/l	95
13) Acrolein	3.926	56	26687	97.057	ug/l	98
14) Allyl chloride	4.709	41	162052	18.382	ug/l #	92
15) Acrylonitrile	5.415	53	117388	97.172	ug/l	99
16) Acetone	4.156	43	117512	96.006	ug/l #	88
17) Carbon Disulfide	4.409	76	306018	18.032	ug/l	98
18) Methyl Acetate	4.715	43	83911	19.722	ug/l #	86
19) Methyl tert-butyl Ether	5.473	73	193618	19.229	ug/l	97
20) Methylene Chloride	4.962	84	145804	19.747	ug/l #	90
21) trans-1,2-Dichloroethene	5.468	96	103889	19.445	ug/l	98
22) Diisopropyl ether	6.362	45	345813	20.148	ug/l #	92
23) Vinyl Acetate	6.303	43	733762	91.736	ug/l #	90
24) 1,1-Dichloroethane	6.262	63	209048	19.551	ug/l	97
25) 2-Butanone	7.209	43	142051	93.942	ug/l #	82
26) 2,2-Dichloropropane	7.203	77	166991	19.746	ug/l	97
27) cis-1,2-Dichloroethene	7.214	96	107880	18.830	ug/l	87
28) Bromochloromethane	7.538	49	89407	21.032	ug/l	83
29) Tetrahydrofuran	7.562	42	86654	93.612	ug/l #	84
30) Chloroform	7.709	83	203822	19.511	ug/l	100
31) Cyclohexane	7.979	56	190926	18.596	ug/l	90
32) 1,1,1-Trichloroethane	7.897	97	177053	19.978	ug/l	98
36) 1,1-Dichloropropene	8.109	75	153098	19.346	ug/l	96
37) Ethyl Acetate	7.297	43	63771	19.451	ug/l	95
38) Carbon Tetrachloride	8.091	117	150048	19.796	ug/l	99
39) Methylcyclohexane	9.350	83	163827	18.358	ug/l #	87
40) Benzene	8.344	78	439887	19.301	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102121\
 Data File : VD070793.D
 Acq On : 21 Oct 2021 11:30
 Operator : VA/SY
 Sample : VD1021SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1021SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/22/2021 7:08:17 PM

Quant Time: Oct 22 06:12:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	34020	17.759	ug/l #	82
42) 1,2-Dichloroethane	8.414	62	128715	19.899	ug/l	96
43) Isopropyl Acetate	8.450	43	120638	19.290	ug/l #	92
44) Trichloroethene	9.108	130	102562	19.163	ug/l	100
45) 1,2-Dichloropropane	9.385	63	120599	20.027	ug/l	97
46) Dibromomethane	9.467	93	56609	19.631	ug/l	95
47) Bromodichloromethane	9.656	83	150285	19.646	ug/l	99
48) Methyl methacrylate	9.450	41	60016	19.590	ug/l	85
49) 1,4-Dioxane	9.461	88	11707	378.093	ug/l #	88
51) 4-Methyl-2-Pentanone	10.220	43	316653	96.060	ug/l	90
52) Toluene	10.397	92	273977	20.191	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	133033	19.469	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	154771	18.922	ug/l #	87
55) 1,1,2-Trichloroethane	10.791	97	80304	20.277	ug/l	94
56) Ethyl methacrylate	10.655	69	88096	19.147	ug/l #	82
57) 1,3-Dichloropropane	10.938	76	138792	19.752	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	196816	94.355	ug/l	94
59) 2-Hexanone	10.979	43	232035	100.005	ug/l	85
60) Dibromochloromethane	11.132	129	93460	20.533	ug/l	99
61) 1,2-Dibromoethane	11.238	107	72717	20.068	ug/l	97
64) Tetrachloroethene	10.867	164	86141	18.850	ug/l	92
65) Chlorobenzene	11.661	112	269784	19.343	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	103094	19.977	ug/l	99
67) Ethyl Benzene	11.738	91	480131	18.827	ug/l	99
68) m/p-Xylenes	11.844	106	382928	39.635	ug/l	97
69) o-Xylene	12.173	106	168465	19.222	ug/l	100
70) Styrene	12.185	104	304172	19.966	ug/l	98
71) Bromoform	12.350	173	53291	19.887	ug/l #	94
73) Isopropylbenzene	12.473	105	445942	19.121	ug/l	99
74) N-amyl acetate	12.279	43	115863	19.083	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	92419	20.033	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	59556m	21.061	ug/l	
77) Bromobenzene	12.749	156	105122	19.910	ug/l	100
78) n-propylbenzene	12.808	91	594737	19.619	ug/l	98
79) 2-Chlorotoluene	12.897	91	347900	19.858	ug/l	96
80) 1,3,5-Trimethylbenzene	12.949	105	402461	20.414	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	23230	17.993	ug/l #	83
82) 4-Chlorotoluene	12.997	91	374235	20.195	ug/l	96
83) tert-Butylbenzene	13.214	119	318359	19.539	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	391646	19.979	ug/l	99
85) sec-Butylbenzene	13.391	105	502923	19.642	ug/l	99
86) p-Isopropyltoluene	13.502	119	400341	19.447	ug/l	97
87) 1,3-Dichlorobenzene	13.502	146	221777	20.003	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	215781	19.709	ug/l	98
89) n-Butylbenzene	13.832	91	395175	19.022	ug/l	98
90) Hexachloroethane	14.102	117	83317	18.756	ug/l	89
91) 1,2-Dichlorobenzene	13.879	146	186778	19.711	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	13472	18.309	ug/l	96
93) 1,2,4-Trichlorobenzene	15.149	180	108219	19.965	ug/l	97
94) Hexachlorobutadiene	15.255	225	67934	19.112	ug/l	97
95) Naphthalene	15.385	128	173887	19.630	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	90142	18.717	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102121\
 Data File : VD070793.D
 Acq On : 21 Oct 2021 11:30
 Operator : VA/SY
 Sample : VD1021SBSD01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1021SBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/22/2021 7:08:17 PM

Quant Time: Oct 22 06:12:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102121\
 Data File : VD070793.D
 Acq On : 21 Oct 2021 11:30
 Operator : VA/SY
 Sample : VD1021SBSD01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1021SBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/22/2021 7:08:17 PM

Quant Time: Oct 22 06:12:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

