

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102220\
 Data File : VD067356.D
 Acq On : 22 Oct 2020 12:27
 Operator : VA/SY
 Sample : VD1022SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1022SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 2:11:58 PM

Quant Time: Oct 22 15:48:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	301840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	441390	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	406487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	206732	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	150202	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
35) Dibromofluoromethane	7.92	113	153969	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
50) Toluene-d8	10.34	98	561709	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	
62) 4-Bromofluorobenzene	12.64	95	199441	53.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	57147	21.055	ug/l	94
3) Chloromethane	2.20	50	40429	21.283	ug/l	93
4) Vinyl Chloride	2.35	62	44716	21.454	ug/l	97
5) Bromomethane	2.76	94	35649	23.325	ug/l	98
6) Chloroethane	2.91	64	27451	21.148	ug/l #	87
7) Trichlorofluoromethane	3.27	101	112316	21.400	ug/l	100
8) Diethyl Ether	3.71	74	23477	19.548	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	59773	21.436	ug/l	98
10) Methyl Iodide	4.29	142	47825	18.593	ug/l	96
11) Tert butyl alcohol	5.21	59	14328	55.694	ug/l #	96
12) 1,1-Dichloroethene	4.06	96	52458	21.058	ug/l	96
13) Acrolein	3.92	56	9107	67.687	ug/l	97
14) Allyl chloride	4.71	41	56748	19.892	ug/l	98
15) Acrylonitrile	5.41	53	41557	103.702	ug/l	99
16) Acetone	4.16	43	41967	99.093	ug/l	98
17) Carbon Disulfide	4.41	76	142191	20.022	ug/l	99
18) Methyl Acetate	4.72	43	18307	18.952	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	104111	21.018	ug/l	92
20) Methylene Chloride	4.96	84	62360	20.323	ug/l	93
21) trans-1,2-Dichloroethene	5.47	96	60631	21.150	ug/l	97
22) Diisopropyl ether	6.36	45	111791	21.451	ug/l	93
23) Vinyl Acetate	6.30	43	305944	103.189	ug/l	96
24) 1,1-Dichloroethane	6.27	63	96508	21.634	ug/l	100
25) 2-Butanone	7.21	43	47114	97.593	ug/l #	80
26) 2,2-Dichloropropane	7.21	77	97394	21.181	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	67974	21.635	ug/l	99
28) Bromochloromethane	7.55	49	29264	19.232	ug/l	99
29) Tetrahydrofuran	7.57	42	27192	101.328	ug/l	97
30) Chloroform	7.71	83	118491	22.235	ug/l	90
31) Cyclohexane	7.98	56	72663	20.862	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	114296	21.859	ug/l	96
36) 1,1-Dichloropropene	8.11	75	83618	22.351	ug/l	99
37) Ethyl Acetate	7.30	43	23219	21.095	ug/l	97
38) Carbon Tetrachloride	8.10	117	108705	22.735	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102220\
 Data File : VD067356.D
 Acq On : 22 Oct 2020 12:27
 Operator : VA/SY
 Sample : VD1022SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1022SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 2:11:58 PM

Quant Time: Oct 22 15:48:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	84264	21.545	ug/l	98
40) Benzene	8.36	78	231086	22.516	ug/l	99
41) Methacrylonitrile	7.53	41	11377m	19.128	ug/l	
42) 1,2-Dichloroethane	8.43	62	71540	22.274	ug/l	99
43) Isopropyl Acetate	8.46	43	45450	20.810	ug/l	96
44) Trichloroethene	9.11	130	73504	22.369	ug/l	99
45) 1,2-Dichloropropane	9.39	63	49868	20.965	ug/l	94
46) Dibromomethane	9.48	93	32408	21.868	ug/l	96
47) Bromodichloromethane	9.67	83	86981	21.907	ug/l	97
48) Methyl methacrylate	9.46	41	20790	19.588	ug/l	97
49) 1,4-Dioxane	9.46	88	6679	448.975	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	113371	104.073	ug/l	98
52) Toluene	10.41	92	162779	23.286	ug/l	97
53) t-1,3-Dichloropropene	10.63	75	76541	21.944	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	89564	21.941	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	44804	22.171	ug/l	98
56) Ethyl methacrylate	10.67	69	44129	21.055	ug/l	95
57) 1,3-Dichloropropane	10.95	76	68975	21.447	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	114119	106.139	ug/l	98
59) 2-Hexanone	10.98	43	75107	100.899	ug/l	100
60) Dibromochloromethane	11.14	129	65896	22.359	ug/l	99
61) 1,2-Dibromoethane	11.25	107	43107	21.637	ug/l	100
64) Tetrachloroethene	10.88	164	63492	21.558	ug/l	96
65) Chlorobenzene	11.67	112	176013	22.581	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	71593	23.109	ug/l	99
67) Ethyl Benzene	11.75	91	304545	22.792	ug/l	96
68) m/p-Xylenes	11.86	106	242483	47.126	ug/l	95
69) o-Xylene	12.18	106	104939	22.024	ug/l	96
70) Styrene	12.20	104	187121	22.814	ug/l	99
71) Bromoform	12.37	173	36028	21.647	ug/l #	99
73) Isopropylbenzene	12.48	105	304607	23.216	ug/l	100
74) N-amyl acetate	12.29	43	42658	21.527	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	42131	20.957	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	33169m	23.149	ug/l	
77) Bromobenzene	12.77	156	75241	23.002	ug/l	96
78) n-propylbenzene	12.83	91	348821	22.946	ug/l	99
79) 2-Chlorotoluene	12.91	91	201817	22.892	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	262295	23.005	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	13344	21.119	ug/l	97
82) 4-Chlorotoluene	13.01	91	214744	22.951	ug/l	98
83) tert-Butylbenzene	13.23	119	222522	23.104	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	259451	23.023	ug/l	98
85) sec-Butylbenzene	13.41	105	298379	22.578	ug/l	99
86) p-Isopropyltoluene	13.52	119	287626	23.059	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	146105	23.206	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	143676	23.033	ug/l	99
89) n-Butylbenzene	13.85	91	243723	22.210	ug/l	98
90) Hexachloroethane	14.12	117	49752	22.856	ug/l	93
91) 1,2-Dichlorobenzene	13.90	146	120065	21.829	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7764	21.258	ug/l	89

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102220\
Data File : VD067356.D
Acq On : 22 Oct 2020 12:27
Operator : VA/SY
Sample : VD1022SBS01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1022SBS01

Manual Integrations
APPROVED

MMDadoda
10/23/2020 2:11:58 PM

Quant Time: Oct 22 15:48:49 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 19 19:13:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	83205	22.437	ug/l	97
94) Hexachlorobutadiene	15.27	225	54846	23.816	ug/l	98
95) Naphthalene	15.41	128	124246	20.407	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	71451	22.303	ug/l	98

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

