

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120420\
 Data File : VD067879.D
 Acq On : 04 Dec 2020 12:03
 Operator : VA/SY
 Sample : VD1204SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1204SBS01

Manual Integrations
 APPROVED

MMDadoda
 12/7/2020 11:30:53 AM

Quant Time: Dec 05 00:01:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 08:05:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	214666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	308100	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	282783	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	147617	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	111657	48.45	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.90%
35) Dibromofluoromethane	7.92	113	98911	47.98	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.96%
50) Toluene-d8	10.34	98	362173	48.80	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.60%
62) 4-Bromofluorobenzene	12.64	95	132121	51.49	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.98%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	36411	19.490	ug/l	99
3) Chloromethane	2.21	50	20641	19.145	ug/l	94
4) Vinyl Chloride	2.35	62	27349	20.141	ug/l	93
5) Bromomethane	2.76	94	31221	25.756	ug/l	100
6) Chloroethane	2.93	64	18340	20.745	ug/l	96
7) Trichlorofluoromethane	3.27	101	84186	20.261	ug/l	95
8) Diethyl Ether	3.71	74	15745	19.442	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	39147	20.661	ug/l	97
10) Methyl Iodide	4.30	142	33561	16.711	ug/l	100
11) Tert butyl alcohol	5.23	59	17167m	113.565	ug/l	
12) 1,1-Dichloroethene	4.07	96	35402	19.902	ug/l	98
13) Acrolein	3.93	56	7746	87.466	ug/l #	46
14) Allyl chloride	4.71	41	34737	21.109	ug/l	98
15) Acrylonitrile	5.42	53	27336	97.347	ug/l	98
16) Acetone	4.16	43	24344	85.487	ug/l #	85
17) Carbon Disulfide	4.41	76	98068	19.746	ug/l	97
18) Methyl Acetate	4.71	43	10084	18.409	ug/l	92
19) Methyl tert-butyl Ether	5.48	73	77256	20.283	ug/l	99
20) Methylene Chloride	4.97	84	43909	21.459	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	40026	19.774	ug/l	96
22) Diisopropyl ether	6.37	45	69370	20.959	ug/l #	92
23) Vinyl Acetate	6.30	43	191695	104.111	ug/l	100
24) 1,1-Dichloroethane	6.27	63	60021	20.688	ug/l	98
25) 2-Butanone	7.21	43	28957	96.678	ug/l	88
26) 2,2-Dichloropropane	7.20	77	72248	20.883	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	44881	20.272	ug/l	97
28) Bromochloromethane	7.54	49	17271	18.749	ug/l	99
29) Tetrahydrofuran	7.56	42	16634	97.535	ug/l	94
30) Chloroform	7.71	83	79876	20.601	ug/l	95
31) Cyclohexane	7.99	56	48026	19.780	ug/l	88
32) 1,1,1-Trichloroethane	7.90	97	85225	20.823	ug/l	99
36) 1,1-Dichloropropene	8.12	75	55235	20.709	ug/l	98
37) Ethyl Acetate	7.30	43	14031	19.519	ug/l	97
38) Carbon Tetrachloride	8.10	117	82415	20.422	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120420\
 Data File : VD067879.D
 Acq On : 04 Dec 2020 12:03
 Operator : VA/SY
 Sample : VD1204SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1204SBS01

Manual Integrations
 APPROVED

MMDadoda
 12/7/2020 11:30:53 AM

Quant Time: Dec 05 00:01:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 08:05:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	63017	19.937	ug/l	96
40) Benzene	8.36	78	148706	20.376	ug/l	100
41) Methacrylonitrile	7.53	41	7147	18.078	ug/l #	73
42) 1,2-Dichloroethane	8.43	62	53828	20.694	ug/l	99
43) Isopropyl Acetate	8.46	43	27702	19.585	ug/l	97
44) Trichloroethene	9.11	130	52910	21.086	ug/l	93
45) 1,2-Dichloropropane	9.39	63	29100	19.427	ug/l #	85
46) Dibromomethane	9.47	93	19812	19.023	ug/l	94
47) Bromodichloromethane	9.67	83	61421	20.687	ug/l	100
48) Methyl methacrylate	9.46	41	13371	18.617	ug/l	93
49) 1,4-Dioxane	9.47	88	3996	335.789	ug/l #	94
51) 4-Methyl-2-Pentanone	10.23	43	63339	94.616	ug/l	96
52) Toluene	10.41	92	102839	20.154	ug/l	97
53) t-1,3-Dichloropropene	10.62	75	52538	20.501	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	58313	20.920	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	26138	18.339	ug/l	95
56) Ethyl methacrylate	10.67	69	28118	19.390	ug/l	98
57) 1,3-Dichloropropane	10.95	76	44490	19.706	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	58056	87.983	ug/l	96
59) 2-Hexanone	10.99	43	45681	96.800	ug/l	97
60) Dibromochloromethane	11.14	129	45656	21.251	ug/l	99
61) 1,2-Dibromoethane	11.25	107	27624	19.709	ug/l	98
64) Tetrachloroethene	10.88	164	48015	20.816	ug/l	94
65) Chlorobenzene	11.67	112	119032	20.400	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	49352	20.737	ug/l	97
67) Ethyl Benzene	11.75	91	207745	20.900	ug/l	98
68) m/p-Xylenes	11.86	106	163743	41.778	ug/l	99
69) o-Xylene	12.18	106	73790	21.207	ug/l	98
70) Styrene	12.20	104	127395	21.056	ug/l	98
71) Bromoform	12.36	173	25351	20.124	ug/l #	93
73) Isopropylbenzene	12.48	105	211567	20.841	ug/l	99
74) N-amyl acetate	12.29	43	24377	19.413	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	25001	18.654	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	21086m	19.615	ug/l	
77) Bromobenzene	12.77	156	52758	20.904	ug/l	99
78) n-propylbenzene	12.82	91	234304	20.824	ug/l	100
79) 2-Chlorotoluene	12.91	91	137844	20.825	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	189754	21.589	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	8403	18.699	ug/l	96
82) 4-Chlorotoluene	13.01	91	148259	20.997	ug/l	99
83) tert-Butylbenzene	13.23	119	164841	22.039	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	189787	21.715	ug/l	100
85) sec-Butylbenzene	13.40	105	208857	20.922	ug/l	99
86) p-Isopropyltoluene	13.52	119	202682	20.716	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	101245	20.797	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	101894	20.921	ug/l	99
89) n-Butylbenzene	13.85	91	169568	20.862	ug/l	99
90) Hexachloroethane	14.11	117	36788	20.367	ug/l	93
91) 1,2-Dichlorobenzene	13.90	146	87302	20.676	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5707	20.403	ug/l	87

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120420\
Data File : VD067879.D
Acq On : 04 Dec 2020 12:03
Operator : VA/SY
Sample : VD1204SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1204SBSD01

Manual Integrations
APPROVED

MMDadoda
12/7/2020 11:30:53 AM

Quant Time: Dec 05 00:01:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 02 08:05:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	62503	21.162	ug/l	99
94) Hexachlorobutadiene	15.27	225	40602	21.067	ug/l	98
95) Naphthalene	15.40	128	97354	20.257	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	51639	20.246	ug/l	96

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

