

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062220\
 Data File : VD065846.D
 Acq On : 22 Jun 2020 16:03
 Operator : VA/SY
 Sample : VD0622SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0622SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/23/2020 11:02:21 AM

Quant Time: Jun 23 07:05:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	181493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	290059	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	265312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	131824	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	96555	53.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.68%	
35) Dibromofluoromethane	7.91	113	96084	52.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.88%	
50) Toluene-d8	10.34	98	365604	53.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.02%	
62) 4-Bromofluorobenzene	12.64	95	122104	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	33184	25.230	ug/l	96
3) Chloromethane	2.21	50	56602	24.969	ug/l	98
4) Vinyl Chloride	2.35	62	64647	24.143	ug/l	96
5) Bromomethane	2.76	94	44982	24.021	ug/l	93
6) Chloroethane	2.92	64	44983	24.845	ug/l	98
7) Trichlorofluoromethane	3.27	101	69818	23.014	ug/l	99
8) Diethyl Ether	3.71	74	16736	20.983	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	4.09	101	41237	22.795	ug/l	97
10) Methyl Iodide	4.30	142	37837	21.479	ug/l	96
11) Tert butyl alcohol	5.21	59	15299	135.963	ug/l	99
12) 1,1-Dichloroethene	4.07	96	37616	22.815	ug/l	92
13) Acrolein	3.93	56	7546	74.912	ug/l	94
14) Allyl chloride	4.71	41	60880	22.341	ug/l	97
15) Acrylonitrile	5.43	53	38462	106.170	ug/l	99
16) Acetone	4.16	43	38953	115.146	ug/l	99
17) Carbon Disulfide	4.41	76	122678	22.169	ug/l	99
18) Methyl Acetate	4.71	43	18460	22.171	ug/l	96
19) Methyl tert-butyl Ether	5.48	73	81525	21.830	ug/l	99
20) Methylene Chloride	4.96	84	53213	27.628	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	43169	22.357	ug/l	97
22) Diisopropyl ether	6.36	45	123426	22.416	ug/l	96
23) Vinyl Acetate	6.30	43	337209	108.454	ug/l	99
24) 1,1-Dichloroethane	6.27	63	75149	22.400	ug/l	99
25) 2-Butanone	7.21	43	50354	107.778	ug/l	98
26) 2,2-Dichloropropane	7.21	77	66901	22.490	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	43906	21.138	ug/l	91
28) Bromochloromethane	7.54	49	28019	21.624	ug/l	99
29) Tetrahydrofuran	7.56	42	30695	103.952	ug/l	98
30) Chloroform	7.71	83	78394	22.544	ug/l	90
31) Cyclohexane	7.98	56	70789	22.010	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	73065	22.851	ug/l	99
36) 1,1-Dichloropropene	8.11	75	61457	22.118	ug/l	99
37) Ethyl Acetate	7.29	43	22578	20.630	ug/l #	96
38) Carbon Tetrachloride	8.10	117	64910	22.198	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062220\
 Data File : VD065846.D
 Acq On : 22 Jun 2020 16:03
 Operator : VA/SY
 Sample : VD0622SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0622SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/23/2020 11:02:21 AM

Quant Time: Jun 23 07:05:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	73127	22.229	ug/l	99
40) Benzene	8.35	78	168529	22.186	ug/l	100
41) Methacrylonitrile	7.53	41	12654m	19.418	ug/l	
42) 1,2-Dichloroethane	8.42	62	48727	21.260	ug/l	99
43) Isopropyl Acetate	8.45	43	45702	21.000	ug/l	98
44) Trichloroethene	9.11	130	46588	22.039	ug/l	96
45) 1,2-Dichloropropane	9.38	63	40115	21.018	ug/l	94
46) Dibromomethane	9.47	93	21771	21.032	ug/l	98
47) Bromodichloromethane	9.66	83	58739	21.176	ug/l	95
48) Methyl methacrylate	9.46	41	23052	21.883	ug/l	98
49) 1,4-Dioxane	9.46	88	4505	408.880	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	109979	103.129	ug/l	97
52) Toluene	10.40	92	109079	22.100	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	53408	21.262	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	65306	22.014	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	29731	21.496	ug/l	94
56) Ethyl methacrylate	10.66	69	33428	20.548	ug/l	95
57) 1,3-Dichloropropane	10.95	76	50274	20.980	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	80321	106.196	ug/l	99
59) 2-Hexanone	10.98	43	74846	104.102	ug/l	98
60) Dibromochloromethane	11.14	129	38564	20.640	ug/l	95
61) 1,2-Dibromoethane	11.25	107	27545	20.265	ug/l	95
64) Tetrachloroethene	10.88	164	37985	21.173	ug/l	92
65) Chlorobenzene	11.67	112	113512	21.916	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	40718	21.090	ug/l	97
67) Ethyl Benzene	11.75	91	204880	22.142	ug/l	98
68) m/p-Xylenes	11.86	106	157548	44.205	ug/l	100
69) o-Xylene	12.18	106	70772	22.024	ug/l	99
70) Styrene	12.20	104	120293	21.624	ug/l	98
71) Bromoform	12.37	173	21584	20.301	ug/l #	96
73) Isopropylbenzene	12.48	105	196787	22.265	ug/l	99
74) N-amyl acetate	12.29	43	40863	20.781	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	32392	21.701	ug/l	96
76) 1,2,3-Trichloropropane	12.78	75	18217m	17.769	ug/l	
77) Bromobenzene	12.76	156	44629	21.342	ug/l	96
78) n-propylbenzene	12.83	91	238988	22.464	ug/l	100
79) 2-Chlorotoluene	12.91	91	132301	22.669	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	167433	22.765	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.53	75	9752	20.552	ug/l	98
82) 4-Chlorotoluene	13.01	91	141464	22.582	ug/l	97
83) tert-Butylbenzene	13.23	119	142432	22.318	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	165091	22.426	ug/l	99
85) sec-Butylbenzene	13.41	105	201403	22.677	ug/l	100
86) p-Isopropyltoluene	13.52	119	183471	22.538	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	90536	21.958	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	90290	22.014	ug/l	98
89) n-Butylbenzene	13.85	91	173843	22.392	ug/l	99
90) Hexachloroethane	14.12	117	36823	22.599	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	76680	21.609	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	4865	19.584	ug/l	94

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062220\
Data File : VD065846.D
Acq On : 22 Jun 2020 16:03
Operator : VA/SY
Sample : VD0622SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0622SBSD01

Manual Integrations
APPROVED

MMDadoda
6/23/2020 11:02:21 AM

Quant Time: Jun 23 07:05:30 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 05 13:07:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	51264	21.247	ug/l	97
94) Hexachlorobutadiene	15.27	225	28948	19.847	ug/l	97
95) Naphthalene	15.41	128	80910	19.798	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	41625	20.031	ug/l	98

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

