

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030119\
 Data File : VD060913.D
 Acq On : 1 Mar 2019 17:03
 Operator : VA/AP
 Sample : VSTDIC075
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC075

Manual Integrations
 APPROVED

MMDadoda
 3/6/2019 5:33:08 AM

Quant Time: Mar 02 01:30:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 01 16:47:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	728843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1273815	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1063345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	458085	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.44	65	430977	79.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	159.12%	
35) Dibromofluoromethane	6.91	113	756150	79.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	158.80%	
50) Toluene-d8	10.40	98	1904866	73.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	147.78%	
62) 4-Bromofluorobenzene	13.55	95	709249	70.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	141.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.58	85	524635	66.009	ug/l	98
3) Chloromethane	1.76	50	420833	86.128	ug/l	99
4) Vinyl Chloride	1.85	62	397718	87.584	ug/l	99
5) Bromomethane	2.15	94	60675	71.414	ug/l #	95
6) Chloroethane	2.26	64	91651	74.382	ug/l	97
7) Trichlorofluoromethane	2.52	101	483963	65.748	ug/l	93
8) Diethyl Ether	2.87	74	213152	168.392	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.14	101	685148	151.363	ug/l	92
10) Methyl Iodide	3.30	142	1053520	81.515	ug/l	97
11) Tert butyl alcohol	4.06	59	164227	399.238	ug/l #	94
12) 1,1-Dichloroethene	3.12	96	581320	171.908	ug/l	94
13) Acrolein	3.04	56	203214	891.030	ug/l	96
14) Allyl chloride	3.62	41	992880	89.934	ug/l	92
15) Acrylonitrile	4.19	53	591005	460.116	ug/l	97
16) Acetone	3.21	43	655305	398.715	ug/l	92
17) Carbon Disulfide	3.37	76	2105768	84.281	ug/l	100
18) Methyl Acetate	3.64	43	301990	88.560	ug/l	94
19) Methyl tert-butyl Ether	4.23	73	1073239	75.710	ug/l	93
20) Methylene Chloride	3.81	84	643400	69.683	ug/l #	85
21) trans-1,2-Dichloroethene	4.21	96	629976	84.066	ug/l	99
22) Diisopropyl ether	5.11	45	1959944	90.503	ug/l	93
23) Vinyl Acetate	5.05	43	5222613	426.164	ug/l	99
24) 1,1-Dichloroethane	4.98	63	1112128	94.005	ug/l	99
25) 2-Butanone	6.06	43	842993	388.618	ug/l	96
26) 2,2-Dichloropropane	6.02	77	773347	68.860	ug/l	94
27) cis-1,2-Dichloroethene	6.03	96	697335	84.740	ug/l	98
28) Bromochloromethane	6.43	49	465800	100.087	ug/l	99
29) Tetrahydrofuran	6.44	42	448841	415.235	ug/l	96
30) Chloroform	6.66	83	1023681	73.145	ug/l	98
31) Cyclohexane	6.94	56	860076	87.652	ug/l	89
32) 1,1,1-Trichloroethane	6.87	97	855433	78.515	ug/l	95
36) 1,1-Dichloropropene	7.14	75	764974	57.400	ug/l	91
37) Ethyl Acetate	6.18	43	405964	64.794	ug/l	98
38) Carbon Tetrachloride	7.10	117	893325	72.239	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030119\
 Data File : VD060913.D
 Acq On : 1 Mar 2019 17:03
 Operator : VA/AP
 Sample : VSTDIC075
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDIC075

Manual Integrations
 APPROVED

MMDadoda
 3/6/2019 5:33:08 AM

Quant Time: Mar 02 01:30:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 01 16:47:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	900945	63.595	ug/l #	85
40) Benzene	7.45	78	1916742	57.872	ug/l	100
41) Methacrylonitrile	6.44	41	299735m	88.552	ug/l	
42) 1,2-Dichloroethane	7.56	62	572802	63.589	ug/l	99
43) Isopropyl Acetate	9.23	43	610987	68.843	ug/l #	99
44) Trichloroethene	8.53	130	724322	67.063	ug/l	97
45) 1,2-Dichloropropane	8.93	63	563233	72.800	ug/l	98
46) Dibromomethane	9.05	93	352580	63.426	ug/l	88
47) Bromodichloromethane	9.37	83	801036	60.759	ug/l	98
48) Methyl methacrylate	9.11	41	318628	62.358	ug/l	96
49) 1,4-Dioxane	9.07	88	70413	1315.475	ug/l #	79
51) 4-Methyl-2-Pentanone	10.29	43	1751832	319.985	ug/l	91
52) Toluene	10.50	92	1296431	67.583	ug/l	99
53) t-1,3-Dichloropropene	10.90	75	686412	56.401	ug/l	100
54) cis-1,3-Dichloropropene	10.03	75	888354	63.357	ug/l	98
55) 1,1,2-Trichloroethane	11.18	97	435564	66.195	ug/l	94
56) Ethyl methacrylate	11.04	69	461437	61.624	ug/l	94
57) 1,3-Dichloropropane	11.40	76	661231	61.017	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.85	63	1222251	340.683	ug/l	99
59) 2-Hexanone	11.52	43	1190593	283.260	ug/l	96
60) Dibromochloromethane	11.68	129	645820	68.302	ug/l	100
61) 1,2-Dibromoethane	11.80	107	523743	70.312	ug/l	97
64) Tetrachloroethene	11.25	164	534770	56.285	ug/l	91
65) Chlorobenzene	12.39	112	1618878	75.115	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.51	131	572403	66.742	ug/l	96
67) Ethyl Benzene	12.52	91	2200198	59.979	ug/l	92
68) m/p-Xylenes	12.66	106	1732832	133.650	ug/l	83
69) o-Xylene	13.04	106	782046	62.628	ug/l	82
70) Styrene	13.07	104	1339905	63.844	ug/l	96
71) Bromoform	13.23	173	383592	56.242	ug/l	99
73) Isopropylbenzene	13.40	105	2240358	83.582	ug/l	97
74) N-amyl acetate	13.26	43	794523	85.764	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.70	83	523321	79.273	ug/l	100
76) 1,2,3-Trichloropropane	13.73	75	522007	76.583	ug/l	99
77) Bromobenzene	13.67	156	626960	72.677	ug/l	85
78) n-propylbenzene	13.77	91	2679973	74.932	ug/l	96
79) 2-Chlorotoluene	13.84	91	1507470	73.693	ug/l	93
80) 1,3,5-Trimethylbenzene	14.23	105	1687193	76.589	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.47	75	160704	73.997	ug/l	98
82) 4-Chlorotoluene	13.94	91	1597029	71.160	ug/l	96
83) tert-Butylbenzene	14.19	119	1984685	78.018	ug/l	92
84) 1,2,4-Trimethylbenzene	14.23	105	1687193	76.589	ug/l	99
85) sec-Butylbenzene	14.37	105	2296908	80.876	ug/l	98
86) p-Isopropyltoluene	14.49	119	2024057	84.868	ug/l	95
87) 1,3-Dichlorobenzene	14.46	146	1086171	68.842	ug/l	97
88) 1,4-Dichlorobenzene	14.53	146	1029799	67.581	ug/l	97
89) n-Butylbenzene	14.79	91	1667041	67.468	ug/l	97
90) Hexachloroethane	15.01	117	587269	86.778	ug/l	93
91) 1,2-Dichlorobenzene	14.81	146	899304	68.457	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.38	75	61614	66.645	ug/l	82

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030119\
Data File : VD060913.D
Acq On : 1 Mar 2019 17:03
Operator : VA/AP
Sample : VSTDICC075
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC075

Manual Integrations
APPROVED

MMDadoda
3/6/2019 5:33:08 AM

Quant Time: Mar 02 01:30:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030119S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 01 16:47:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	547694	58.911	ug/l	99
94) Hexachlorobutadiene	16.03	225	362631	65.010	ug/l	98
95) Naphthalene	16.12	128	900658	64.258	ug/l	100
96) 1,2,3-Trichlorobenzene	16.27	180	280837	39.281	ug/l	97

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD030119\
 Data File : VD060913.D
 Acq On : 1 Mar 2019 17:03
 Operator : VA/AP
 Sample : VSTDIC075
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC075

Manual Integrations
 APPROVED

MMDadoda
 3/6/2019 5:33:08 AM

Quant Time: Mar 02 01:30:06 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 01 16:47:52 2019
 Response via : Initial Calibration

