

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020119\
 Data File : VD060822.D
 Acq On : 1 Feb 2019 16:36
 Operator : VA/AP
 Sample : K1297-03MSD
 Misc : 3.35g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A0C17-SSIMSD

Manual Integrations
 APPROVED

MMDadoda
 2/4/2019 4:43:04 PM

Quant Time: Feb 02 01:48:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 29 13:53:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.77	168	375845	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.95	114	485949	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.14	117	391787	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.31	152	175954	50.00	ug/l	-0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.18	65	336755	58.44	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	116.88%	
35) Dibromofluoromethane	6.65	113	261193	56.05	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	112.10%	
50) Toluene-d8	10.16	98	571661	52.53	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	105.06%	
62) 4-Bromofluorobenzene	13.33	95	267230	48.85	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	97.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	289232	63.294	ug/l	98
3) Chloromethane	1.75	50	152724	55.822	ug/l	98
4) Vinyl Chloride	1.84	62	175952	60.588	ug/l	98
5) Bromomethane	2.12	94	64076	69.846	ug/l	96
6) Chloroethane	2.23	64	84230	92.761	ug/l	88
7) Trichlorofluoromethane	2.48	101	401537	70.240	ug/l	99
8) Diethyl Ether	2.78	74	56814	67.445	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	3.04	101	187823	64.830	ug/l	95
10) Methyl Iodide	3.19	142	192229	63.375	ug/l	100
11) Tert butyl alcohol	3.90	59	88760	322.341	ug/l	94
12) 1,1-Dichloroethene	3.03	96	133054	67.206	ug/l	91
13) Acrolein	2.93	56	25048	271.140	ug/l	89
14) Allyl chloride	3.47	41	303853	65.951	ug/l	97
15) Acrylonitrile	4.01	53	174921	283.511	ug/l	98
16) Acetone	3.11	43	282477	339.423	ug/l	97
17) Carbon Disulfide	3.26	76	386670	55.137	ug/l	98
18) Methyl Acetate	3.50	43	299711	181.664	ug/l	100
19) Methyl tert-butyl Ether	4.06	73	563709	62.367	ug/l	94
20) Methylene Chloride	3.66	84	213753	59.276	ug/l	98
21) trans-1,2-Dichloroethene	4.02	96	170302	48.796	ug/l	93
22) Diisopropyl ether	4.86	45	638121	53.748	ug/l #	81
23) Vinyl Acetate	4.80	43	866007	126.665	ug/l	100
24) 1,1-Dichloroethane	4.74	63	441336	56.783	ug/l	98
25) 2-Butanone	5.80	43	344849	323.737	ug/l	97
26) 2,2-Dichloropropane	5.75	77	479614	58.566	ug/l	95
27) cis-1,2-Dichloroethene	5.76	96	198814	50.017	ug/l	84
28) Bromochloromethane	6.17	49	168701	55.641	ug/l	99
29) Tetrahydrofuran	6.20	42	157209	307.327	ug/l	96
30) Chloroform	6.38	83	521481	56.767	ug/l	100
31) Cyclohexane	6.68	56	252873	47.819	ug/l	95
32) 1,1,1-Trichloroethane	6.60	97	499078	56.416	ug/l	95
36) 1,1-Dichloropropene	6.88	75	315980	54.459	ug/l	96
37) Ethyl Acetate	5.91	43	123690	47.756	ug/l #	95
38) Carbon Tetrachloride	6.85	117	448050	61.582	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020119\
 Data File : VD060822.D
 Acq On : 1 Feb 2019 16:36
 Operator : VA/AP
 Sample : K1297-03MSD
 Misc : 3.35g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A0C17-SSIMSD

Manual Integrations
 APPROVED

MMDadoda
 2/4/2019 4:43:04 PM

Quant Time: Feb 02 01:48:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 29 13:53:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.60	83	198940	40.943	ug/l	94
40) Benzene	7.19	78	639658	55.858	ug/l	99
41) Methacrylonitrile	6.18	41	97629m	59.353	ug/l	
42) 1,2-Dichloroethane	7.31	62	474293	71.295	ug/l	98
43) Isopropyl Acetate	8.98	43	156327	46.277	ug/l	92
44) Trichloroethene	8.27	130	204805	52.757	ug/l	95
45) 1,2-Dichloropropane	8.68	63	180806	58.326	ug/l	97
46) Dibromomethane	8.81	93	158125	65.709	ug/l	91
47) Bromodichloromethane	9.11	83	420830	64.788	ug/l	95
48) Methyl methacrylate	8.86	41	181200	77.785	ug/l	92
49) 1,4-Dioxane	8.84	88	24930	1227.008	ug/l #	80
51) 4-Methyl-2-Pentanone	10.06	43	772135	352.957	ug/l	98
52) Toluene	10.26	92	401671	55.297	ug/l	97
53) t-1,3-Dichloropropene	10.67	75	359483	62.918	ug/l	97
54) cis-1,3-Dichloropropene	9.78	75	357082	60.946	ug/l	96
55) 1,1,2-Trichloroethane	10.95	97	159947	64.584	ug/l	98
56) Ethyl methacrylate	10.79	69	154812	51.602	ug/l	94
57) 1,3-Dichloropropane	11.17	76	274919	64.952	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.60	63	505859	321.354	ug/l	99
59) 2-Hexanone	11.30	43	579340	352.210	ug/l	92
60) Dibromochloromethane	11.44	129	283989	63.784	ug/l	96
61) 1,2-Dibromoethane	11.57	107	180256	61.802	ug/l	97
64) Tetrachloroethene	11.01	164	185869	51.692	ug/l	95
65) Chlorobenzene	12.17	112	469121	52.397	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.29	131	243584	63.325	ug/l	95
67) Ethyl Benzene	12.30	91	894494	55.560	ug/l	98
68) m/p-Xylenes	12.45	106	560937	107.092	ug/l	98
69) o-Xylene	12.83	106	269848	52.052	ug/l	90
70) Styrene	12.85	104	436763	50.241	ug/l	97
71) Bromoform	13.02	173	191873	66.205	ug/l	98
73) Isopropylbenzene	13.19	105	788839	56.230	ug/l	100
74) N-amyl acetate	13.05	43	159061	36.881	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.48	83	181961	71.234	ug/l	100
76) 1,2,3-Trichloropropane	13.52	75	233258	72.293	ug/l	98
77) Bromobenzene	13.45	156	216466	60.025	ug/l	93
78) n-propylbenzene	13.56	91	999626	56.761	ug/l	98
79) 2-Chlorotoluene	13.63	91	622934	57.992	ug/l	97
80) 1,3,5-Trimethylbenzene	14.02	105	675583	55.938	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.26	75	51932	61.736	ug/l	85
82) 4-Chlorotoluene	13.74	91	721236	60.413	ug/l	100
83) tert-Butylbenzene	13.97	119	713142	56.439	ug/l	99
84) 1,2,4-Trimethylbenzene	14.02	105	675583	55.938	ug/l	97
85) sec-Butylbenzene	14.16	105	713444	49.602	ug/l	97
86) p-Isopropyltoluene	14.28	119	625572	53.570	ug/l	96
87) 1,3-Dichlorobenzene	14.25	146	319565	49.543	ug/l	97
88) 1,4-Dichlorobenzene	14.33	146	316962	50.575	ug/l	99
89) n-Butylbenzene	14.59	91	527671	43.309	ug/l	95
90) Hexachloroethane	14.80	117	181673	52.279	ug/l	96
91) 1,2-Dichlorobenzene	14.60	146	287294	53.660	ug/l	92
92) 1,2-Dibromo-3-Chloropropan	15.17	75	44281	72.967	ug/l	84

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020119\
Data File : VD060822.D
Acq On : 1 Feb 2019 16:36
Operator : VA/AP
Sample : K1297-03MSD
Misc : 3.35g/5ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A0C17-SSIMSD

Manual Integrations
APPROVED

MMDadoda
2/4/2019 4:43:04 PM

Quant Time: Feb 02 01:48:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012819S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 29 13:53:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.74	180	191398	41.286	ug/l	98
94) Hexachlorobutadiene	15.83	225	98207	28.234	ug/l	96
95) Naphthalene	15.91	128	347129	48.735	ug/l	99
96) 1,2,3-Trichlorobenzene	16.06	180	159853	39.655	ug/l	99

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

