

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110819\
 Data File : VD064162.D
 Acq On : 08 Nov 2019 18:46
 Operator : VA/SY
 Sample : VD1108SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1108SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/13/2019 11:15:01 AM

Quant Time: Nov 11 08:31:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 11 08:23:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	830881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1189808	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1020248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	489361	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	371668	54.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.78%	
35) Dibromofluoromethane	7.92	113	359342	52.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.22%	
50) Toluene-d8	10.34	98	1386150	53.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.60%	
62) 4-Bromofluorobenzene	12.64	95	462412	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	129927	18.854	ug/l	96
3) Chloromethane	2.21	50	157088	21.252	ug/l	98
4) Vinyl Chloride	2.35	62	161631	20.448	ug/l	99
5) Bromomethane	2.76	94	103694	20.775	ug/l	92
6) Chloroethane	2.93	64	105625	20.913	ug/l	100
7) Trichlorofluoromethane	3.27	101	267219	20.852	ug/l	99
8) Diethyl Ether	3.70	74	68624	19.475	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	141720	19.348	ug/l	99
10) Methyl Iodide	4.30	142	135800	17.613	ug/l	100
11) Tert butyl alcohol	5.26	59	52801m	110.627	ug/l	
12) 1,1-Dichloroethene	4.06	96	136002	19.480	ug/l	95
13) Acrolein	3.92	56	32372	80.173	ug/l	90
14) Allyl chloride	4.71	41	245141	19.859	ug/l	98
15) Acrylonitrile	5.43	53	151386	100.777	ug/l	99
16) Acetone	4.17	43	136325	84.210	ug/l	94
17) Carbon Disulfide	4.40	76	431977	19.868	ug/l	99
18) Methyl Acetate	4.73	43	91256	20.183	ug/l	100
19) Methyl tert-butyl Ether	5.49	73	332051	19.922	ug/l	98
20) Methylene Chloride	4.97	84	172064	21.041	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	156283	19.758	ug/l	98
22) Diisopropyl ether	6.37	45	453271	19.790	ug/l	97
23) Vinyl Acetate	6.31	43	1288187	100.898	ug/l	100
24) 1,1-Dichloroethane	6.27	63	265764	19.984	ug/l	98
25) 2-Butanone	7.23	43	205021	98.027	ug/l	96
26) 2,2-Dichloropropane	7.21	77	254935	19.548	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	165860	19.553	ug/l	99
28) Bromochloromethane	7.55	49	75019	16.203	ug/l	95
29) Tetrahydrofuran	7.57	42	126897	100.984	ug/l	99
30) Chloroform	7.71	83	270555	19.889	ug/l	99
31) Cyclohexane	7.99	56	257865	19.226	ug/l	97
32) 1,1,1-Trichloroethane	7.91	97	260349	19.988	ug/l	99
36) 1,1-Dichloropropene	8.11	75	219387	19.979	ug/l	99
37) Ethyl Acetate	7.30	43	96291	20.800	ug/l	99
38) Carbon Tetrachloride	8.10	117	227898	19.396	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110819\
 Data File : VD064162.D
 Acq On : 08 Nov 2019 18:46
 Operator : VA/SY
 Sample : VD1108SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1108SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/13/2019 11:15:01 AM

Quant Time: Nov 11 08:31:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 11 08:23:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	266619	19.188	ug/l	96
40) Benzene	8.35	78	585912	19.523	ug/l	99
41) Methacrylonitrile	7.53	41	59483	20.444	ug/l #	90
42) 1,2-Dichloroethane	8.43	62	181547	20.142	ug/l	99
43) Isopropyl Acetate	8.46	43	188730	19.787	ug/l	99
44) Trichloroethene	9.11	130	174471	19.370	ug/l	98
45) 1,2-Dichloropropane	9.39	63	143922	19.703	ug/l	94
46) Dibromomethane	9.48	93	77964	19.937	ug/l	97
47) Bromodichloromethane	9.67	83	207754	19.723	ug/l	98
48) Methyl methacrylate	9.46	41	90346	19.371	ug/l	99
49) 1,4-Dioxane	9.47	88	18215	387.836	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	460387	100.653	ug/l	100
52) Toluene	10.41	92	387516	19.637	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	206022	19.523	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	236757	19.226	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	103765	19.560	ug/l	99
56) Ethyl methacrylate	10.67	69	148525	20.014	ug/l	95
57) 1,3-Dichloropropane	10.95	76	183052	19.785	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	301054	100.150	ug/l	100
59) 2-Hexanone	10.99	43	318381	97.839	ug/l	99
60) Dibromochloromethane	11.14	129	146297	19.763	ug/l	98
61) 1,2-Dibromoethane	11.25	107	105043	19.769	ug/l	98
64) Tetrachloroethene	10.88	164	151952	19.365	ug/l	97
65) Chlorobenzene	11.67	112	404495	19.497	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	153698	19.483	ug/l	99
67) Ethyl Benzene	11.75	91	726288	19.354	ug/l	100
68) m/p-Xylenes	11.86	106	561675	39.048	ug/l	99
69) o-Xylene	12.18	106	256609	19.235	ug/l	97
70) Styrene	12.20	104	444896	19.105	ug/l	100
71) Bromoform	12.36	173	89805	20.003	ug/l #	98
73) Isopropylbenzene	12.48	105	716052	19.935	ug/l	99
74) N-amyl acetate	12.29	43	170256	20.072	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	110063	20.336	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	79100m	20.068	ug/l	
77) Bromobenzene	12.77	156	173709	19.906	ug/l	99
78) n-propylbenzene	12.83	91	810278	19.745	ug/l	100
79) 2-Chlorotoluene	12.91	91	455663	19.667	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	579289	19.627	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.53	75	38742	19.524	ug/l	96
82) 4-Chlorotoluene	13.01	91	478452	19.799	ug/l	98
83) tert-Butylbenzene	13.23	119	497234	19.106	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	571111	19.600	ug/l	99
85) sec-Butylbenzene	13.41	105	681235	19.489	ug/l	100
86) p-Isopropyltoluene	13.52	119	635835	19.134	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	313326	19.343	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	309013	19.546	ug/l	98
89) n-Butylbenzene	13.84	91	588595	19.605	ug/l	100
90) Hexachloroethane	14.11	117	118705	19.329	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	269472	19.655	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	19888	20.552	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110819\
Data File : VD064162.D
Acq On : 08 Nov 2019 18:46
Operator : VA/SY
Sample : VD1108SBS01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1108SBS01

Manual Integrations
APPROVED

MMDadoda
11/13/2019 11:15:01 AM

Quant Time: Nov 11 08:31:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 11 08:23:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	201230	19.026	ug/l	99
94) Hexachlorobutadiene	15.27	225	134762	19.727	ug/l	99
95) Naphthalene	15.41	128	345973	19.955	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	172829	19.224	ug/l	99

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

