

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092018\
 Data File : VD060051.D
 Acq On : 20 Sep 2018 12:35
 Operator : VA/AP
 Sample : VD0920SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0920SBS01

Manual Integrations
 APPROVED

apatel
 9/21/2018 12:02:14 PM

Quant Time: Sep 20 16:46:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 13 16:17:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	1603959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.43	114	2182542	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.28	117	1759407	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	957137	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.77	65	665752	53.23	ug/l	0.00
Spiked Amount			Recovery	=	106.46%	
35) Dibromofluoromethane	6.31	113	903510	52.99	ug/l	0.00
Spiked Amount			Recovery	=	105.98%	
50) Toluene-d8	9.45	98	2498400	52.87	ug/l	0.00
Spiked Amount			Recovery	=	105.74%	
62) 4-Bromofluorobenzene	12.42	95	973778	53.94	ug/l	0.00
Spiked Amount			Recovery	=	107.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	299761	17.705	ug/l	99
3) Chloromethane	1.75	50	309891	20.721	ug/l	97
4) Vinyl Chloride	1.84	62	244855	20.366	ug/l	100
5) Bromomethane	2.12	94	22979	16.147	ug/l	86
6) Chloroethane	2.23	64	58271	21.679	ug/l	100
7) Trichlorofluoromethane	2.49	101	276965	20.924	ug/l	96
8) Diethyl Ether	2.81	74	57076	20.285	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.07	101	184441	22.098	ug/l	97
10) Methyl Iodide	3.23	142	180615	20.431	ug/l	91
11) Tert butyl alcohol	3.95	59	72887	72.216	ug/l	98
12) 1,1-Dichloroethene	3.06	96	151582	22.968	ug/l	89
13) Acrolein	2.97	56	50439	80.700	ug/l	96
14) Allyl chloride	3.51	41	290345	20.861	ug/l	100
15) Acrylonitrile	4.06	53	365473	95.930	ug/l	98
16) Acetone	3.14	43	279789	115.857	ug/l	94
17) Carbon Disulfide	3.29	76	461795	20.308	ug/l	99
18) Methyl Acetate	3.54	43	92202	18.773	ug/l	95
19) Methyl tert-butyl Ether	4.10	73	597503	19.594	ug/l	99
20) Methylene Chloride	3.70	84	397329	18.596	ug/l	95
21) trans-1,2-Dichloroethene	4.08	96	350198	20.221	ug/l	99
22) Diisopropyl ether	4.83	45	1270964	20.019	ug/l	94
23) Vinyl Acetate	4.78	43	3587355	99.740	ug/l	100
24) 1,1-Dichloroethane	4.73	63	583821	20.492	ug/l	100
25) 2-Butanone	5.61	43	698591	107.200	ug/l	98
26) 2,2-Dichloropropane	5.57	77	469902	21.215	ug/l	98
27) cis-1,2-Dichloroethene	5.58	96	368968	20.367	ug/l	98
28) Bromochloromethane	5.90	49	275428	20.112	ug/l	98
29) Tetrahydrofuran	5.93	42	316048	90.433	ug/l	98
30) Chloroform	6.08	83	602698	20.860	ug/l	99
31) Cyclohexane	6.35	56	549820	19.793	ug/l	98
32) 1,1,1-Trichloroethane	6.28	97	474637	19.807	ug/l	100
36) 1,1-Dichloropropene	6.50	75	441897	20.383	ug/l	99
37) Ethyl Acetate	5.68	43	288209	19.331	ug/l	98
38) Carbon Tetrachloride	6.48	117	390375	19.289	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092018\
 Data File : VD060051.D
 Acq On : 20 Sep 2018 12:35
 Operator : VA/AP
 Sample : VD0920SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0920SBS01

Manual Integrations
 APPROVED

apatel
 9/21/2018 12:02:14 PM

Quant Time: Sep 20 16:46:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 13 16:17:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.02	83	499020	20.347	ug/l	98
40) Benzene	6.78	78	1162570	21.039	ug/l	99
41) Methacrylonitrile	5.92	41	176969m	22.663	ug/l	
42) 1,2-Dichloroethane	6.88	62	328228	19.783	ug/l	98
43) Isopropyl Acetate	8.33	43	374742	18.773	ug/l #	99
44) Trichloroethene	7.72	130	339028	19.858	ug/l	99
45) 1,2-Dichloropropane	8.09	63	304500	20.608	ug/l	98
46) Dibromomethane	8.20	93	189086	19.613	ug/l	97
47) Bromodichloromethane	8.47	83	420498	20.230	ug/l	99
48) Methyl methacrylate	8.22	41	209650	18.858	ug/l	98
49) 1,4-Dioxane	8.22	88	39364	356.485	ug/l	95
51) 4-Methyl-2-Pentanone	9.33	43	1422987	96.137	ug/l	100
52) Toluene	9.53	92	712879	20.127	ug/l	100
53) t-1,3-Dichloropropene	9.91	75	383778	19.797	ug/l	99
54) cis-1,3-Dichloropropene	9.09	75	470050	20.294	ug/l	100
55) 1,1,2-Trichloroethane	10.17	97	240919	19.591	ug/l	96
56) Ethyl methacrylate	10.02	69	259856	19.051	ug/l	98
57) 1,3-Dichloropropane	10.37	76	374090	20.608	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.90	63	688098	104.467	ug/l	96
59) 2-Hexanone	10.48	43	1078449	101.721	ug/l	100
60) Dibromochloromethane	10.63	129	289840	19.364	ug/l	99
61) 1,2-Dibromoethane	10.74	107	244154	19.229	ug/l	96
64) Tetrachloroethene	10.24	164	322042	20.746	ug/l	99
65) Chlorobenzene	11.31	112	792771	20.958	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.41	131	283294	22.205	ug/l	98
67) Ethyl Benzene	11.42	91	1394134	22.902	ug/l	100
68) m/p-Xylenes	11.56	106	1007889	44.831	ug/l	94
69) o-Xylene	11.93	106	474990	21.323	ug/l	98
70) Styrene	11.94	104	815922	21.784	ug/l	97
71) Bromoform	12.11	173	206192	18.811	ug/l	97
73) Isopropylbenzene	12.27	105	1329214	21.175	ug/l	99
74) N-amyl acetate	12.12	43	470034	18.903	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.55	83	277023	19.453	ug/l	100
76) 1,2,3-Trichloropropane	12.59	75	277095	18.956	ug/l	100
77) Bromobenzene	12.54	156	374624	20.718	ug/l	95
78) n-propylbenzene	12.63	91	1684101	21.334	ug/l	99
79) 2-Chlorotoluene	12.70	91	929055	20.852	ug/l	98
80) 1,3,5-Trimethylbenzene	12.78	105	1056355	21.955	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.34	75	78678	17.830	ug/l	94
82) 4-Chlorotoluene	12.80	91	1046485	21.364	ug/l	97
83) tert-Butylbenzene	13.04	119	1178508	21.143	ug/l	93
84) 1,2,4-Trimethylbenzene	13.09	105	1089542	21.220	ug/l	99
85) sec-Butylbenzene	13.21	105	1393110	21.055	ug/l	99
86) p-Isopropyltoluene	13.33	119	1158842	21.654	ug/l	95
87) 1,3-Dichlorobenzene	13.30	146	667840	21.239	ug/l	97
88) 1,4-Dichlorobenzene	13.38	146	652314	20.453	ug/l	97
89) n-Butylbenzene	13.64	91	1183946	20.460	ug/l	96
90) Hexachloroethane	13.85	117	256590	19.358	ug/l	88
91) 1,2-Dichlorobenzene	13.66	146	592414	20.352	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.22	75	35927	16.549	ug/l	96

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092018\
Data File : VD060051.D
Acq On : 20 Sep 2018 12:35
Operator : VA/AP
Sample : VD0920SBS01
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0920SBS01

Manual Integrations
APPROVED

apatel
9/21/2018 12:02:14 PM

Quant Time: Sep 20 16:46:10 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 13 16:17:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.78	180	458068	20.442	ug/l	97
94) Hexachlorobutadiene	14.88	225	313059	21.120	ug/l	99
95) Naphthalene	14.97	128	644048	18.611	ug/l	99
96) 1,2,3-Trichlorobenzene	15.10	180	379858	19.236	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092018\
 Data File : VD060051.D
 Acq On : 20 Sep 2018 12:35
 Operator : VA/AP
 Sample : VD0920SBS01
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 Client Sample ID :
 VD0920SBS01

Manual Integrations
 APPROVED

apatel
 9/21/2018 12:02:14 PM

Quant Time: Sep 20 16:46:10 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 13 16:17:40 2018
 Response via : Initial Calibration

