

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041519\
 Data File : VD061795.D
 Acq On : 15 Apr 2019 11:36
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/16/2019 3:12:46 PM

Quant Time: Apr 16 09:12:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 08:53:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.10	168	624282	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.27	114	1019850	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.40	117	794384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.54	152	377224	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.50	65	147192	28.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	56.26%	
35) Dibromofluoromethane	6.98	113	231659	30.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.14%	
50) Toluene-d8	10.45	98	488830	26.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	53.56%	
62) 4-Bromofluorobenzene	13.58	95	202468	27.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	54.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.59	85	275278	45.178	ug/l	98
3) Chloromethane	1.77	50	209293	43.100	ug/l	98
4) Vinyl Chloride	1.87	62	203691	42.265	ug/l	97
5) Bromomethane	2.17	94	49684	45.753	ug/l	96
6) Chloroethane	2.29	64	80303	48.844	ug/l	95
7) Trichlorofluoromethane	2.56	101	351866	45.018	ug/l	100
8) Diethyl Ether	2.90	74	79621	38.870	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.19	101	305743	43.870	ug/l	98
10) Methyl Iodide	3.35	142	414712	38.169	ug/l	95
11) Tert butyl alcohol	4.10	59	69040	223.758	ug/l	97
12) 1,1-Dichloroethene	3.17	96	258705	44.155	ug/l	95
13) Acrolein	3.07	56	101853	340.987	ug/l	94
14) Allyl chloride	3.66	41	345658	43.282	ug/l	96
15) Acrylonitrile	4.24	53	212203	219.070	ug/l	94
16) Acetone	3.26	43	306298	237.531	ug/l	99
17) Carbon Disulfide	3.41	76	788501	41.652	ug/l	100
18) Methyl Acetate	3.68	43	101249	39.174	ug/l	98
19) Methyl tert-butyl Ether	4.29	73	486757	44.517	ug/l	100
20) Methylene Chloride	3.86	84	282663	43.503	ug/l	96
21) trans-1,2-Dichloroethene	4.27	96	288081	44.740	ug/l	99
22) Diisopropyl ether	5.18	45	795843	46.619	ug/l	97
23) Vinyl Acetate	5.12	43	2116018	231.876	ug/l	99
24) 1,1-Dichloroethane	5.04	63	465798	45.004	ug/l	99
25) 2-Butanone	6.12	43	320911	218.594	ug/l	98
26) 2,2-Dichloropropane	6.08	77	422279	47.202	ug/l	100
27) cis-1,2-Dichloroethene	6.09	96	298009	42.694	ug/l	97
28) Bromochloromethane	6.50	49	171382	43.593	ug/l	91
29) Tetrahydrofuran	6.52	42	147949	206.888	ug/l	99
30) Chloroform	6.72	83	515693	44.670	ug/l	99
31) Cyclohexane	7.01	56	366393	46.242	ug/l	98
32) 1,1,1-Trichloroethane	6.93	97	465125	45.451	ug/l	98
36) 1,1-Dichloropropene	7.21	75	383944	46.071	ug/l	99
37) Ethyl Acetate	6.24	43	145356	40.753	ug/l #	94
38) Carbon Tetrachloride	7.17	117	470929m	44.751	ug/l	

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041519\
 Data File : VD061795.D
 Acq On : 15 Apr 2019 11:36
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/16/2019 3:12:46 PM

Quant Time: Apr 16 09:12:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 08:53:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.92	83	360399	41.645	ug/l	95
40) Benzene	7.51	78	860669	43.017	ug/l	99
41) Methacrylonitrile	6.50	41	178558	42.354	ug/l	99
42) 1,2-Dichloroethane	7.63	62	310568	44.570	ug/l	100
43) Isopropyl Acetate	9.28	43	205931	41.028	ug/l	97
44) Trichloroethene	8.59	130	349993	45.441	ug/l	96
45) 1,2-Dichloropropane	8.99	63	199549	38.290	ug/l	94
46) Dibromomethane	9.11	93	160299	43.168	ug/l	91
47) Bromodichloromethane	9.42	83	383159	44.726	ug/l	99
48) Methyl methacrylate	9.16	41	121552	41.198	ug/l	95
49) 1,4-Dioxane	9.12	88	28155	873.061	ug/l	97
51) 4-Methyl-2-Pentanone	10.35	43	678553	221.062	ug/l	98
52) Toluene	10.55	92	567610	44.270	ug/l	98
53) t-1,3-Dichloropropene	10.96	75	326288	42.269	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	374613	41.342	ug/l	95
55) 1,1,2-Trichloroethane	11.23	97	182000	42.126	ug/l	95
56) Ethyl methacrylate	11.08	69	195861	41.305	ug/l	97
57) 1,3-Dichloropropane	11.45	76	281206	43.295	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.90	63	440292	195.217	ug/l	98
59) 2-Hexanone	11.57	43	506062	221.976	ug/l	97
60) Dibromochloromethane	11.72	129	314106	44.433	ug/l	98
61) 1,2-Dibromoethane	11.84	107	219070	41.238	ug/l	97
64) Tetrachloroethene	11.30	164	269162	45.180	ug/l	99
65) Chlorobenzene	12.43	112	676012	45.695	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.54	131	292118	47.118	ug/l	98
67) Ethyl Benzene	12.55	91	1063976	44.909	ug/l	99
68) m/p-Xylenes	12.70	106	867727	97.504	ug/l	97
69) o-Xylene	13.07	106	347905	41.592	ug/l	95
70) Styrene	13.10	104	619267	43.021	ug/l	100
71) Bromoform	13.26	173	168475	45.781	ug/l	96
73) Isopropylbenzene	13.43	105	1078825	44.098	ug/l	99
74) N-amyl acetate	13.29	43	278624	42.353	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.72	83	186687	38.605	ug/l	99
76) 1,2,3-Trichloropropane	13.76	75	214160	43.230	ug/l	100
77) Bromobenzene	13.69	156	297722	42.842	ug/l	84
78) n-propylbenzene	13.80	91	1365806	48.322	ug/l	99
79) 2-Chlorotoluene	13.87	91	725185	43.920	ug/l	95
80) 1,3,5-Trimethylbenzene	13.96	105	859749	44.291	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.50	75	62432	39.620	ug/l	92
82) 4-Chlorotoluene	13.97	91	808024	42.754	ug/l	90
83) tert-Butylbenzene	14.21	119	1065826	46.762	ug/l	98
84) 1,2,4-Trimethylbenzene	14.26	105	883955	45.302	ug/l	99
85) sec-Butylbenzene	14.39	105	1059723	44.975	ug/l	99
86) p-Isopropyltoluene	14.51	119	1002184	45.459	ug/l	95
87) 1,3-Dichlorobenzene	14.48	146	528733	43.582	ug/l	99
88) 1,4-Dichlorobenzene	14.56	146	536992	44.777	ug/l	98
89) n-Butylbenzene	14.82	91	829525	42.508	ug/l	98
90) Hexachloroethane	15.03	117	276407	46.000	ug/l	95
91) 1,2-Dichlorobenzene	14.83	146	425141	41.835	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.41	75	26489	41.061	ug/l	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041519\
Data File : VD061795.D
Acq On : 15 Apr 2019 11:36
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
4/16/2019 3:12:46 PM

Quant Time: Apr 16 09:12:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 16 08:53:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.97	180	258102	46.243	ug/l	97
94) Hexachlorobutadiene	16.06	225	190621	47.127	ug/l	96
95) Naphthalene	16.14	128	432985	50.613	ug/l	98
96) 1,2,3-Trichlorobenzene	16.29	180	143596	45.146	ug/l	99

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

