

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110618\
 Data File : VD060287.D
 Acq On : 6 Nov 2018 12:31
 Operator : VA/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Nov 06 13:47:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 06 13:45:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.43	168	1584828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.46	114	2196272	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.30	117	1746606	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	889536	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.80	65	587341	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
35) Dibromofluoromethane	6.34	113	877831	54.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.56%	
50) Toluene-d8	9.47	98	2542972	54.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.64%	
62) 4-Bromofluorobenzene	12.44	95	898540	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.59	85	645840	46.795	ug/l	97
3) Chloromethane	1.76	50	683691	47.645	ug/l	100
4) Vinyl Chloride	1.86	62	584557	48.457	ug/l	98
5) Bromomethane	2.16	94	166471	50.246	ug/l	98
6) Chloroethane	2.27	64	214495	49.423	ug/l	95
7) Trichlorofluoromethane	2.52	101	725505	48.312	ug/l	97
8) Diethyl Ether	2.83	74	133145	46.845	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.10	101	483811	50.087	ug/l	98
10) Methyl Iodide	3.26	142	624381	66.681	ug/l	98
11) Tert butyl alcohol	3.99	59	130746	269.728	ug/l #	92
12) 1,1-Dichloroethene	3.09	96	393937	49.346	ug/l	95
13) Acrolein	2.99	56	135243	224.983	ug/l	96
14) Allyl chloride	3.55	41	754729	49.750	ug/l	98
15) Acrylonitrile	4.09	53	700207	263.471	ug/l	100
16) Acetone	3.17	43	481976	234.450	ug/l	100
17) Carbon Disulfide	3.33	76	1234219	47.643	ug/l	100
18) Methyl Acetate	3.56	43	195842	46.554	ug/l	98
19) Methyl tert-butyl Ether	4.14	73	1199617	53.401	ug/l	100
20) Methylene Chloride	3.73	84	826132	42.266	ug/l	99
21) trans-1,2-Dichloroethene	4.11	96	875999	51.490	ug/l	99
22) Diisopropyl ether	4.87	45	2851694	51.638	ug/l	100
23) Vinyl Acetate	4.82	43	7118949	258.808	ug/l	99
24) 1,1-Dichloroethane	4.77	63	1447657	51.936	ug/l	99
25) 2-Butanone	5.64	43	1055148	270.189	ug/l	100
26) 2,2-Dichloropropane	5.60	77	1118552	51.111	ug/l	99
27) cis-1,2-Dichloroethene	5.61	96	912474	51.611	ug/l	99
28) Bromochloromethane	5.94	49	622438	50.197	ug/l	90
29) Tetrahydrofuran	5.96	42	549807	267.797	ug/l	100
30) Chloroform	6.12	83	1461731	51.957	ug/l	99
31) Cyclohexane	6.39	56	1312903	49.921	ug/l	96
32) 1,1,1-Trichloroethane	6.31	97	1235058	53.246	ug/l	98
36) 1,1-Dichloropropene	6.54	75	1091658	51.416	ug/l	99
37) Ethyl Acetate	5.71	43	523959	55.293	ug/l	99
38) Carbon Tetrachloride	6.51	117	1019378	52.682	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110618\
 Data File : VD060287.D
 Acq On : 6 Nov 2018 12:31
 Operator : VA/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Nov 06 13:47:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 06 13:45:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.05	83	1268391	53.130	ug/l	99
40) Benzene	6.81	78	2863703	52.272	ug/l	100
41) Methacrylonitrile	5.96	41	587731	93.877	ug/l #	92
42) 1,2-Dichloroethane	6.91	62	757029	53.308	ug/l	99
43) Isopropyl Acetate	8.36	43	666091	54.457	ug/l #	99
44) Trichloroethene	7.75	130	876800	52.368	ug/l	99
45) 1,2-Dichloropropane	8.12	63	731932	53.563	ug/l	97
46) Dibromomethane	8.23	93	428499	54.687	ug/l	99
47) Bromodichloromethane	8.50	83	1028928	54.557	ug/l	100
48) Methyl methacrylate	8.26	41	398456	54.370	ug/l	97
49) 1,4-Dioxane	8.25	88	69988	1066.712	ug/l	96
51) 4-Methyl-2-Pentanone	9.36	43	2087281	270.374	ug/l	98
52) Toluene	9.56	92	1817297	52.422	ug/l	99
53) t-1,3-Dichloropropene	9.93	75	872766	55.782	ug/l	99
54) cis-1,3-Dichloropropene	9.11	75	1095889	53.680	ug/l	99
55) 1,1,2-Trichloroethane	10.19	97	503557	51.922	ug/l	98
56) Ethyl methacrylate	10.05	69	519142	56.312	ug/l	99
57) 1,3-Dichloropropane	10.39	76	811571	54.764	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.93	63	1479674	271.472	ug/l	99
59) 2-Hexanone	10.50	43	1551244	272.829	ug/l	100
60) Dibromochloromethane	10.65	129	680163	55.326	ug/l	99
61) 1,2-Dibromoethane	10.77	107	547637	55.656	ug/l	99
64) Tetrachloroethene	10.26	164	798796	52.193	ug/l	99
65) Chlorobenzene	11.33	112	1941298	51.869	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.42	131	633106	51.268	ug/l	98
67) Ethyl Benzene	11.43	91	3196122	50.012	ug/l	98
68) m/p-Xylenes	11.57	106	2450784	103.895	ug/l	100
69) o-Xylene	11.95	106	1193814	52.087	ug/l	93
70) Styrene	11.97	104	1878000	50.883	ug/l	99
71) Bromoform	12.12	173	447810	56.577	ug/l	99
73) Isopropylbenzene	12.28	105	3127841	49.860	ug/l	99
74) N-amyl acetate	12.14	43	864271	54.278	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.57	83	536994	53.040	ug/l	99
76) 1,2,3-Trichloropropane	12.61	75	545191	53.985	ug/l	99
77) Bromobenzene	12.55	156	860059	51.331	ug/l	95
78) n-propylbenzene	12.64	91	4068015	51.579	ug/l	100
79) 2-Chlorotoluene	12.71	91	2165038	49.744	ug/l	98
80) 1,3,5-Trimethylbenzene	12.80	105	2490158	51.080	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.35	75	159281	58.433	ug/l	98
82) 4-Chlorotoluene	12.82	91	2426939	49.978	ug/l	90
83) tert-Butylbenzene	13.06	119	2844851	52.494	ug/l	99
84) 1,2,4-Trimethylbenzene	13.10	105	2558165	51.708	ug/l	99
85) sec-Butylbenzene	13.23	105	3461748	52.367	ug/l	100
86) p-Isopropyltoluene	13.35	119	2816617	53.610	ug/l	99
87) 1,3-Dichlorobenzene	13.32	146	1568088	52.428	ug/l	95
88) 1,4-Dichlorobenzene	13.40	146	1526042	52.318	ug/l	100
89) n-Butylbenzene	13.66	91	2800703	52.054	ug/l	99
90) Hexachloroethane	13.87	117	669715	52.351	ug/l	97
91) 1,2-Dichlorobenzene	13.67	146	1263303	51.787	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.23	75	68217	54.920	ug/l	62

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110618\
Data File : VD060287.D
Acq On : 6 Nov 2018 12:31
Operator : VA/AP
Sample : VSTDICCC050
Misc : 5.00G/5ML/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Quant Time: Nov 06 13:47:47 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:45:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.80	180	1027518	54.297	ug/l	98
94) Hexachlorobutadiene	14.89	225	768286	54.971	ug/l	100
95) Naphthalene	14.98	128	1260178	53.528	ug/l	100
96) 1,2,3-Trichlorobenzene	15.12	180	819418	53.631	ug/l	99

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

