

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121319\
 Data File : VD064506.D
 Acq On : 13 Dec 2019 14:42
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/16/2019 12:15:50 PM

Quant Time: Dec 14 00:11:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	422533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	609828	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	540502	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	274100	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	194535	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
35) Dibromofluoromethane	7.91	113	203614	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	
50) Toluene-d8	10.34	98	759960	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	
62) 4-Bromofluorobenzene	12.64	95	236380	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	185696	48.503	ug/l	98
3) Chloromethane	2.21	50	230753	47.786	ug/l	100
4) Vinyl Chloride	2.35	62	290759	52.150	ug/l	100
5) Bromomethane	2.77	94	193115	46.837	ug/l	97
6) Chloroethane	2.93	64	193175	51.836	ug/l	96
7) Trichlorofluoromethane	3.27	101	504460	54.426	ug/l	97
8) Diethyl Ether	3.70	74	98634	51.210	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.09	101	213832	53.806	ug/l	98
10) Methyl Iodide	4.30	142	236881	56.443	ug/l	99
11) Tert butyl alcohol	5.25	59	51543	211.718	ug/l #	100
12) 1,1-Dichloroethene	4.06	96	197570	51.876	ug/l	97
13) Acrolein	3.93	56	76918	231.636	ug/l	100
14) Allyl chloride	4.71	41	306902	51.635	ug/l	99
15) Acrylonitrile	5.43	53	207408	246.257	ug/l	97
16) Acetone	4.17	43	196140	253.784	ug/l	98
17) Carbon Disulfide	4.40	76	598645	49.630	ug/l	96
18) Methyl Acetate	4.72	43	106582	47.278	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	438390	50.181	ug/l	97
20) Methylene Chloride	4.96	84	213019	54.660	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	225930	52.444	ug/l	98
22) Diisopropyl ether	6.37	45	602898	51.383	ug/l	98
23) Vinyl Acetate	6.31	43	1769107	255.751	ug/l	100
24) 1,1-Dichloroethane	6.27	63	371100	52.591	ug/l	99
25) 2-Butanone	7.22	43	264827	242.296	ug/l	99
26) 2,2-Dichloropropane	7.21	77	341337	55.623	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	246465	52.476	ug/l	99
28) Bromochloromethane	7.55	49	126856	52.604	ug/l	99
29) Tetrahydrofuran	7.57	42	163933	235.744	ug/l	98
30) Chloroform	7.71	83	386263	52.855	ug/l	98
31) Cyclohexane	7.98	56	350533	57.596	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	367947	54.307	ug/l	99
36) 1,1-Dichloropropene	8.11	75	308122	53.418	ug/l	99
37) Ethyl Acetate	7.30	43	117875	48.161	ug/l	100
38) Carbon Tetrachloride	8.10	117	346077	56.847	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121319\
 Data File : VD064506.D
 Acq On : 13 Dec 2019 14:42
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/16/2019 12:15:50 PM

Quant Time: Dec 14 00:11:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	385340	53.855	ug/l	99
40) Benzene	8.35	78	845211	52.758	ug/l	98
41) Methacrylonitrile	7.54	41	62448m	44.491	ug/l	
42) 1,2-Dichloroethane	8.43	62	242719	51.952	ug/l	99
43) Isopropyl Acetate	8.46	43	240941	50.067	ug/l	100
44) Trichloroethene	9.11	130	256345	53.120	ug/l	98
45) 1,2-Dichloropropane	9.39	63	202621	52.884	ug/l	99
46) Dibromomethane	9.48	93	110941	51.303	ug/l	99
47) Bromodichloromethane	9.66	83	300155	54.020	ug/l	96
48) Methyl methacrylate	9.46	41	108606	49.320	ug/l	96
49) 1,4-Dioxane	9.47	88	26742	1001.454	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	589808	247.704	ug/l	99
52) Toluene	10.40	92	556990	53.348	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	279906	52.858	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	337663	53.676	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	152148	51.384	ug/l	98
56) Ethyl methacrylate	10.66	69	188440	49.897	ug/l	98
57) 1,3-Dichloropropane	10.95	76	256417	50.872	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	353581	234.860	ug/l	100
59) 2-Hexanone	10.98	43	405285	245.298	ug/l	100
60) Dibromochloromethane	11.14	129	211340	52.642	ug/l	100
61) 1,2-Dibromoethane	11.25	107	150203	50.805	ug/l	96
64) Tetrachloroethene	10.88	164	217216	52.700	ug/l	96
65) Chlorobenzene	11.67	112	585738	51.959	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	222821	53.394	ug/l	99
67) Ethyl Benzene	11.75	91	1072568	53.475	ug/l	97
68) m/p-Xylenes	11.86	106	820634	107.305	ug/l	99
69) o-Xylene	12.18	106	377032	53.381	ug/l	100
70) Styrene	12.20	104	661605	53.903	ug/l	99
71) Bromoform	12.37	173	127658	51.130	ug/l #	100
73) Isopropylbenzene	12.48	105	1045162	53.017	ug/l	100
74) N-amyl acetate	12.29	43	213599	47.740	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	156306	47.946	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	95946m	42.565	ug/l	
77) Bromobenzene	12.77	156	246182	50.570	ug/l	99
78) n-propylbenzene	12.83	91	1201112	52.806	ug/l	99
79) 2-Chlorotoluene	12.91	91	638918	51.049	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	845307	52.472	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	52987	51.257	ug/l	96
82) 4-Chlorotoluene	13.01	91	681119	51.400	ug/l	100
83) tert-Butylbenzene	13.23	119	738585	52.735	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	841379	51.940	ug/l	99
85) sec-Butylbenzene	13.41	105	1018257	52.973	ug/l	99
86) p-Isopropyltoluene	13.53	119	961121	52.961	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	481045	52.063	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	466165	51.102	ug/l	100
89) n-Butylbenzene	13.85	91	879774	53.384	ug/l	100
90) Hexachloroethane	14.12	117	183958	54.196	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	403764	51.132	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	23541	48.167	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121319\
Data File : VD064506.D
Acq On : 13 Dec 2019 14:42
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

apatel
12/16/2019 12:15:50 PM

Quant Time: Dec 14 00:11:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 29 07:18:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	300493	49.689	ug/l	98
94) Hexachlorobutadiene	15.28	225	191678	51.342	ug/l	98
95) Naphthalene	15.41	128	493793	48.927	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	258988	50.170	ug/l	99

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

