

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010320\
 Data File : VD064726.D
 Acq On : 03 Jan 2020 11:01
 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
 1/6/2020 10:49:46 AM

Quant Time: Jan 03 16:34:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	436270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	610137	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	532802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	263712	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	186111	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
35) Dibromofluoromethane	7.91	113	191564	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
50) Toluene-d8	10.34	98	739277	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
62) 4-Bromofluorobenzene	12.64	95	231734	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	161005	47.488	ug/l	96
3) Chloromethane	2.21	50	226026	47.667	ug/l	100
4) Vinyl Chloride	2.35	62	288161	49.842	ug/l	94
5) Bromomethane	2.77	94	186683	44.409	ug/l	96
6) Chloroethane	2.93	64	186081	48.034	ug/l	98
7) Trichlorofluoromethane	3.27	101	482465	49.561	ug/l	99
8) Diethyl Ether	3.71	74	91955	47.569	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	207733	51.527	ug/l	98
10) Methyl Iodide	4.29	142	225702	52.119	ug/l	99
11) Tert butyl alcohol	5.26	59	61711	279.904	ug/l #	70
12) 1,1-Dichloroethene	4.06	96	190348	49.593	ug/l	99
13) Acrolein	3.92	56	81025	263.701	ug/l	99
14) Allyl chloride	4.71	41	304669	50.911	ug/l	99
15) Acrylonitrile	5.43	53	194899	242.050	ug/l	99
16) Acetone	4.16	43	238017	300.474	ug/l	98
17) Carbon Disulfide	4.40	76	591219	47.637	ug/l	99
18) Methyl Acetate	4.72	43	99469	45.927	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	416202	48.820	ug/l	99
20) Methylene Chloride	4.97	84	206244	52.683	ug/l	95
21) trans-1,2-Dichloroethene	5.46	96	218482	49.983	ug/l	97
22) Diisopropyl ether	6.37	45	592452	49.635	ug/l	100
23) Vinyl Acetate	6.31	43	1718656	253.828	ug/l	100
24) 1,1-Dichloroethane	6.26	63	369344	51.543	ug/l	97
25) 2-Butanone	7.22	43	278422	263.298	ug/l	100
26) 2,2-Dichloropropane	7.20	77	352951	52.977	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	236817	50.200	ug/l	97
28) Bromochloromethane	7.55	49	140185	50.326	ug/l	100
29) Tetrahydrofuran	7.57	42	156669	238.245	ug/l	98
30) Chloroform	7.71	83	382731	50.908	ug/l	98
31) Cyclohexane	7.98	56	350602	48.879	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	365674	51.785	ug/l	100
36) 1,1-Dichloropropene	8.11	75	308601	52.550	ug/l	98
37) Ethyl Acetate	7.30	43	113446	49.174	ug/l	99
38) Carbon Tetrachloride	8.10	117	343767	54.898	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010320\
 Data File : VD064726.D
 Acq On : 03 Jan 2020 11:01
 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
 1/6/2020 10:49:46 AM

Quant Time: Jan 03 16:34:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	375825	52.838	ug/l	97
40) Benzene	8.35	78	836662	52.189	ug/l	98
41) Methacrylonitrile	7.53	41	70353	52.559	ug/l #	89
42) 1,2-Dichloroethane	8.43	62	242197	52.280	ug/l	98
43) Isopropyl Acetate	8.46	43	225966	49.209	ug/l	99
44) Trichloroethene	9.11	130	244649	51.948	ug/l	96
45) 1,2-Dichloropropane	9.39	63	198802	51.938	ug/l	98
46) Dibromomethane	9.48	93	107076	50.174	ug/l	98
47) Bromodichloromethane	9.66	83	290047	51.076	ug/l	97
48) Methyl methacrylate	9.46	41	102133	47.237	ug/l	88
49) 1,4-Dioxane	9.47	88	23994	975.073	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	560765	247.064	ug/l	99
52) Toluene	10.40	92	554104	52.682	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	275096	51.960	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	328132	52.562	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	146670	50.997	ug/l	97
56) Ethyl methacrylate	10.66	69	183094	50.975	ug/l	99
57) 1,3-Dichloropropane	10.95	76	251095	50.706	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	305992	223.605	ug/l	99
59) 2-Hexanone	10.98	43	421287	273.474	ug/l	99
60) Dibromochloromethane	11.14	129	198908	50.012	ug/l	99
61) 1,2-Dibromoethane	11.25	107	140934	49.683	ug/l	100
64) Tetrachloroethene	10.88	164	210858	51.585	ug/l	95
65) Chlorobenzene	11.67	112	576322	52.117	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	217397	52.149	ug/l	99
67) Ethyl Benzene	11.75	91	1070863	53.353	ug/l	98
68) m/p-Xylenes	11.86	106	823180	106.256	ug/l	98
69) o-Xylene	12.18	106	366406	52.362	ug/l	99
70) Styrene	12.20	104	648502	52.798	ug/l	99
71) Bromoform	12.37	173	121162	50.965	ug/l #	97
73) Isopropylbenzene	12.48	105	1020386	54.145	ug/l	100
74) N-amyl acetate	12.30	43	206222	51.191	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	151189	51.070	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	116390m	55.891	ug/l	
77) Bromobenzene	12.77	156	243156	52.511	ug/l	98
78) n-propylbenzene	12.83	91	1205607	54.836	ug/l	98
79) 2-Chlorotoluene	12.91	91	634311	52.520	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	843010	54.456	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	51425	51.648	ug/l	98
82) 4-Chlorotoluene	13.01	91	667889	51.964	ug/l	99
83) tert-Butylbenzene	13.23	119	725026	53.941	ug/l	98
84) 1,2,4-Trimethylbenzene	13.28	105	825486	53.541	ug/l	98
85) sec-Butylbenzene	13.41	105	1007013	54.649	ug/l	99
86) p-Isopropyltoluene	13.53	119	949701	53.900	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	467114	52.916	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	450932	51.999	ug/l	100
89) n-Butylbenzene	13.86	91	874346	55.104	ug/l	99
90) Hexachloroethane	14.12	117	177536	52.748	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	387197	51.440	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	24304	50.642	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD010320\
Data File : VD064726.D
Acq On : 03 Jan 2020 11:01
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
1/6/2020 10:49:46 AM

Quant Time: Jan 03 16:34:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	285024	51.426	ug/l	98
94) Hexachlorobutadiene	15.28	225	181086	51.922	ug/l	98
95) Naphthalene	15.41	128	444600	50.706	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	235330	49.736	ug/l	99

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

