

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080819\
 Data File : VD063430.D
 Acq On : 8 Aug 2019 11:19
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 09 06:54:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1109485	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1490409	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	1224458	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	683387	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	588852	47.83	ug/l	0.03
Spiked Amount			Recovery	=	95.66%	
35) Dibromofluoromethane	6.94	113	634187	49.84	ug/l	0.03
Spiked Amount			Recovery	=	99.68%	
50) Toluene-d8	10.42	98	1400446	49.18	ug/l	0.02
Spiked Amount			Recovery	=	98.36%	
62) 4-Bromofluorobenzene	13.56	95	627570	48.36	ug/l	0.00
Spiked Amount			Recovery	=	96.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	561704	41.418	ug/l	95
3) Chloromethane	1.75	50	443712	42.110	ug/l	92
4) Vinyl Chloride	1.86	62	491003	45.013	ug/l	98
5) Bromomethane	2.15	94	231025	41.994	ug/l	98
6) Chloroethane	2.27	64	246412	48.929	ug/l	90
7) Trichlorofluoromethane	2.54	101	1039583	49.126	ug/l	97
8) Diethyl Ether	2.88	74	124664	42.093	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.16	101	560491	47.815	ug/l	95
10) Methyl Iodide	3.31	142	783029	46.240	ug/l	94
11) Tert butyl alcohol	4.09	59	115723	214.200	ug/l	98
12) 1,1-Dichloroethene	3.14	96	434530	50.494	ug/l	84
13) Acrolein	3.04	56	105456	202.821	ug/l	97
14) Allyl chloride	3.63	41	650629	47.460	ug/l	88
15) Acrylonitrile	4.21	53	346492	247.378	ug/l	89
16) Acetone	3.22	43	675631	281.674	ug/l	96
17) Carbon Disulfide	3.38	76	1264667	43.906	ug/l	98
18) Methyl Acetate	3.65	43	217265	47.156	ug/l	100
19) Methyl tert-butyl Ether	4.25	73	945126	48.620	ug/l	100
20) Methylene Chloride	3.83	84	419125	43.229	ug/l	94
21) trans-1,2-Dichloroethene	4.23	96	458376	47.472	ug/l	90
22) Diisopropyl ether	5.13	45	1316645	48.072	ug/l	99
23) Vinyl Acetate	5.08	43	4186618	248.668	ug/l	98
24) 1,1-Dichloroethane	5.00	63	817558	46.731	ug/l	99
25) 2-Butanone	6.08	43	604274	251.025	ug/l	93
26) 2,2-Dichloropropane	6.03	77	900475	49.945	ug/l	95
27) cis-1,2-Dichloroethene	6.05	96	499825	48.281	ug/l	95
28) Bromochloromethane	6.45	49	334153	47.938	ug/l #	100
29) Tetrahydrofuran	6.47	42	260484	228.555	ug/l	98
30) Chloroform	6.68	83	1037178	47.771	ug/l	98
31) Cyclohexane	6.97	56	530739	48.399	ug/l	99
32) 1,1,1-Trichloroethane	6.88	97	1024240	48.772	ug/l	99
36) 1,1-Dichloropropene	7.16	75	681579	50.109	ug/l	97
37) Ethyl Acetate	6.20	43	293315	47.999	ug/l #	95
38) Carbon Tetrachloride	7.12	117	1092953	53.374	ug/l	97

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39) Methylcyclohexane	8.88	83	569188	50.226	ug/l	95
40) Benzene	7.47	78	1441494	50.566	ug/l	95
41) Methacrylonitrile	6.46	41	365074	49.944	ug/l #	91
42) 1,2-Dichloroethane	7.60	62	709707	46.975	ug/l	97
43) Isopropyl Acetate	9.25	43	391183	50.114	ug/l	98
44) Trichloroethene	8.55	130	557810	48.290	ug/l	98
45) 1,2-Dichloropropane	8.94	63	351907	48.567	ug/l	97
46) Dibromomethane	9.07	93	295337	49.021	ug/l	85
47) Bromodichloromethane	9.39	83	775278	50.482	ug/l	94
48) Methyl methacrylate	9.13	41	259229	51.205	ug/l	93
49) 1,4-Dioxane	9.10	88	44895	1047.044	ug/l #	79
51) 4-Methyl-2-Pentanone	10.31	43	1337213	251.894	ug/l	97
52) Toluene	10.52	92	934825	49.305	ug/l	97
53) t-1,3-Dichloropropene	10.92	75	666705	50.354	ug/l	92
54) cis-1,3-Dichloropropene	10.05	75	704251	50.610	ug/l	99
55) 1,1,2-Trichloroethane	11.20	97	302642	47.262	ug/l	95
56) Ethyl methacrylate	11.05	69	362993	51.768	ug/l	93
57) 1,3-Dichloropropane	11.42	76	506747	50.227	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.87	63	935967	256.528	ug/l	100
59) 2-Hexanone	11.54	43	1061898	277.575	ug/l	97
60) Dibromochloromethane	11.69	129	600804	49.700	ug/l	98
61) 1,2-Dibromoethane	11.82	107	380341	48.136	ug/l	97
64) Tetrachloroethene	11.27	164	463730	47.539	ug/l	98
65) Chlorobenzene	12.41	112	1205429	51.182	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.52	131	526146	50.716	ug/l	96
67) Ethyl Benzene	12.53	91	2016675	50.405	ug/l	100
68) m/p-Xylenes	12.68	106	1514143	103.195	ug/l	98
69) o-Xylene	13.06	106	692713	51.411	ug/l	89
70) Styrene	13.08	104	1228244	51.401	ug/l	98
71) Bromoform	13.24	173	361929	47.973	ug/l #	97
73) Isopropylbenzene	13.41	105	2129000	49.637	ug/l	98
74) N-amyl acetate	13.28	43	533018	47.008	ug/l	93
75) 1,1,2,2-Tetrachloroethane	13.71	83	354607	48.671	ug/l	99
76) 1,2,3-Trichloropropane	13.74	75	390236	47.541	ug/l	97
77) Bromobenzene	13.68	156	591180	48.384	ug/l	87
78) n-propylbenzene	13.78	91	2329897	45.647	ug/l	96
79) 2-Chlorotoluene	13.85	91	1351745	45.705	ug/l	98
80) 1,3,5-Trimethylbenzene	13.94	105	1684075	45.523	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.48	75	115761	50.788	ug/l	99
82) 4-Chlorotoluene	13.96	91	1621173	46.577	ug/l	100
83) tert-Butylbenzene	14.20	119	2056681	48.691	ug/l	89
84) 1,2,4-Trimethylbenzene	14.24	105	1837955	48.033	ug/l	98
85) sec-Butylbenzene	14.38	105	2064500	46.390	ug/l	96
86) p-Isopropyltoluene	14.50	119	1986912	46.777	ug/l	99
87) 1,3-Dichlorobenzene	14.47	146	1052673	48.649	ug/l	96
88) 1,4-Dichlorobenzene	14.55	146	1046717	47.838	ug/l	97
89) n-Butylbenzene	14.80	91	1828889	49.852	ug/l	97
90) Hexachloroethane	15.02	117	539922	48.789	ug/l	75
91) 1,2-Dichlorobenzene	14.81	146	897548	47.608	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.38	75	68167	45.933	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	680728	45.515	ug/l	100
94) Hexachlorobutadiene	16.04	225	516239	47.631	ug/l	99
95) Naphthalene	16.13	128	962415	45.528	ug/l	98
96) 1,2,3-Trichlorobenzene	16.28	180	548130	46.392	ug/l	98

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

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