

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031519\
 Data File : VD061079.D
 Acq On : 15 Mar 2019 11:10
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 16 05:40:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.08	168	745480	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.25	114	1174768	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	998602	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.54	152	460977	50.00	ug/l	0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.49	65	291796	47.02	ug/l	0.04
Spiked Amount	50.000		Recovery	=	94.04%	
35) Dibromofluoromethane	6.96	113	470676	53.99	ug/l	0.03
Spiked Amount	50.000		Recovery	=	107.98%	
50) Toluene-d8	10.43	98	1053977	48.14	ug/l	0.03
Spiked Amount	50.000		Recovery	=	96.28%	
62) 4-Bromofluorobenzene	13.57	95	404787	47.65	ug/l	0.02
Spiked Amount	50.000		Recovery	=	95.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.59	85	330186	44.714	ug/l	99
3) Chloromethane	1.77	50	259820	42.237	ug/l	97
4) Vinyl Chloride	1.87	62	252485	44.419	ug/l	100
5) Bromomethane	2.17	94	43487	41.684	ug/l	90
6) Chloroethane	2.29	64	88175	51.826	ug/l	96
7) Trichlorofluoromethane	2.56	101	397493	48.679	ug/l	96
8) Diethyl Ether	2.90	74	129402	48.038	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.19	101	417682	45.753	ug/l	96
10) Methyl Iodide	3.34	142	588727	47.014	ug/l	99
11) Tert butyl alcohol	4.08	59	97440	246.659	ug/l	100
12) 1,1-Dichloroethene	3.16	96	337846	45.148	ug/l	96
13) Acrolein	3.06	56	126266	220.905	ug/l	94
14) Allyl chloride	3.65	41	527953	44.096	ug/l	97
15) Acrylonitrile	4.23	53	336259	240.840	ug/l	99
16) Acetone	3.25	43	488296	275.182	ug/l	97
17) Carbon Disulfide	3.40	76	1082335	42.877	ug/l	99
18) Methyl Acetate	3.67	43	175082	50.137	ug/l	# 91
19) Methyl tert-butyl Ether	4.27	73	664648	50.681	ug/l	100
20) Methylene Chloride	3.85	84	414759	51.393	ug/l	95
21) trans-1,2-Dichloroethene	4.25	96	386768	47.752	ug/l	98
22) Diisopropyl ether	5.16	45	1191322	47.932	ug/l	98
23) Vinyl Acetate	5.10	43	3017350	236.488	ug/l	100
24) 1,1-Dichloroethane	5.03	63	630750	46.318	ug/l	98
25) 2-Butanone	6.10	43	535535	265.971	ug/l	97
26) 2,2-Dichloropropane	6.06	77	547005	51.454	ug/l	98
27) cis-1,2-Dichloroethene	6.07	96	443994	51.667	ug/l	98
28) Bromochloromethane	6.48	49	268346	46.547	ug/l	93
29) Tetrahydrofuran	6.49	42	250863	229.448	ug/l	95
30) Chloroform	6.70	83	647842	45.901	ug/l	99
31) Cyclohexane	6.99	56	506440	46.122	ug/l	98
32) 1,1,1-Trichloroethane	6.91	97	579009	47.452	ug/l	99
36) 1,1-Dichloropropene	7.18	75	468567	46.272	ug/l	99
37) Ethyl Acetate	6.22	43	226260	47.614	ug/l	99
38) Carbon Tetrachloride	7.15	117	619767	55.562	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.90	83	496775	47.311	ug/l	99
40) Benzene	7.49	78	1215094	48.021	ug/l	98
41) Methacrylonitrile	6.48	41	274724	50.263	ug/l	97
42) 1,2-Dichloroethane	7.61	62	400023	54.478	ug/l	99
43) Isopropyl Acetate	9.26	43	330247	50.177	ug/l	100
44) Trichloroethene	8.57	130	435002	49.832	ug/l	99
45) 1,2-Dichloropropane	8.97	63	342087	51.460	ug/l	99
46) Dibromomethane	9.09	93	221691	52.573	ug/l	96
47) Bromodichloromethane	9.41	83	506082	53.184	ug/l	97
48) Methyl methacrylate	9.14	41	198729	53.628	ug/l	100
49) 1,4-Dioxane	9.10	88	40060	1069.091	ug/l	93
51) 4-Methyl-2-Pentanone	10.33	43	933631	231.552	ug/l	100
52) Toluene	10.54	92	756041	48.050	ug/l	99
53) t-1,3-Dichloropropene	10.94	75	457494	52.579	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	514279	49.192	ug/l	97
55) 1,1,2-Trichloroethane	11.21	97	254574	48.584	ug/l	98
56) Ethyl methacrylate	11.06	69	271056	49.421	ug/l	96
57) 1,3-Dichloropropane	11.43	76	411529	52.555	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.88	63	716809	246.906	ug/l	99
59) 2-Hexanone	11.56	43	783848	265.763	ug/l	98
60) Dibromochloromethane	11.70	129	394089	51.103	ug/l	99
61) 1,2-Dibromoethane	11.83	107	304037	49.879	ug/l	97
64) Tetrachloroethene	11.28	164	345906	51.314	ug/l	99
65) Chlorobenzene	12.42	112	976603	49.886	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.53	131	369515	52.953	ug/l	99
67) Ethyl Benzene	12.54	91	1459328	50.071	ug/l	98
68) m/p-Xylenes	12.69	106	1100192	96.177	ug/l	96
69) o-Xylene	13.06	106	540138	48.036	ug/l	92
70) Styrene	13.09	104	812727	44.264	ug/l	99
71) Bromoform	13.25	173	233256	51.815	ug/l	96
73) Isopropylbenzene	13.42	105	1416263	42.631	ug/l	98
74) N-amyl acetate	13.28	43	413137	44.165	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.71	83	292479	45.124	ug/l	99
76) 1,2,3-Trichloropropane	13.75	75	310418	46.806	ug/l	98
77) Bromobenzene	13.68	156	376554	44.402	ug/l	85
78) n-propylbenzene	13.79	91	1727870	44.427	ug/l	98
79) 2-Chlorotoluene	13.86	91	979617	45.751	ug/l	98
80) 1,3,5-Trimethylbenzene	14.25	105	1154996	45.796	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.49	75	89177	45.609	ug/l	98
82) 4-Chlorotoluene	13.97	91	1076362	42.522	ug/l	94
83) tert-Butylbenzene	14.20	119	1400758	50.750	ug/l	95
84) 1,2,4-Trimethylbenzene	14.25	105	1154996	45.796	ug/l	98
85) sec-Butylbenzene	14.38	105	1544926	45.849	ug/l	97
86) p-Isopropyltoluene	14.51	119	1301219	47.244	ug/l	98
87) 1,3-Dichlorobenzene	14.47	146	678354	44.796	ug/l	98
88) 1,4-Dichlorobenzene	14.55	146	700607	47.081	ug/l	97
89) n-Butylbenzene	14.81	91	1157413	43.759	ug/l	97
90) Hexachloroethane	15.02	117	346247	44.520	ug/l	83
91) 1,2-Dichlorobenzene	14.82	146	598932	47.443	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.40	75	34618	44.321	ug/l	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.96	180	292137	49.884	ug/l	98
94) Hexachlorobutadiene	16.05	225	197691	44.629	ug/l	99
95) Naphthalene	16.14	128	438026	49.219	ug/l	100
96) 1,2,3-Trichlorobenzene	16.28	180	135822	46.957	ug/l	98

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

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