

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042619\
 Data File : VD062053.D
 Acq On : 26 Apr 2019 10:47
 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: Apr 26 23:03:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	591348	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.24	114	909081	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.39	117	742712	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	351650	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	252137	54.48	ug/l	0.02
Spiked Amount			Recovery	=	108.96%	
35) Dibromofluoromethane	6.94	113	336164	53.47	ug/l	0.00
Spiked Amount			Recovery	=	106.94%	
50) Toluene-d8	10.43	98	778883	52.06	ug/l	0.00
Spiked Amount			Recovery	=	104.12%	
62) 4-Bromofluorobenzene	13.57	95	327001	54.50	ug/l	0.00
Spiked Amount			Recovery	=	109.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.59	85	272601	51.626	ug/l	99
3) Chloromethane	1.76	50	187739	41.833	ug/l	99
4) Vinyl Chloride	1.86	62	196277	48.253	ug/l	97
5) Bromomethane	2.16	94	58325	55.887	ug/l	98
6) Chloroethane	2.28	64	78293	53.247	ug/l	94
7) Trichlorofluoromethane	2.54	101	366942	59.663	ug/l	99
8) Diethyl Ether	2.89	74	78192	47.436	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.16	101	265923	46.937	ug/l	98
10) Methyl Iodide	3.33	142	424657	49.285	ug/l	98
11) Tert butyl alcohol	4.08	59	71588	273.762	ug/l	98
12) 1,1-Dichloroethene	3.14	96	214980	44.600	ug/l	95
13) Acrolein	3.05	56	64732	238.582	ug/l	96
14) Allyl chloride	3.65	41	331743	50.402	ug/l	94
15) Acrylonitrile	4.22	53	192534	237.774	ug/l	95
16) Acetone	3.23	43	311148	281.561	ug/l	97
17) Carbon Disulfide	3.40	76	646318	46.402	ug/l	99
18) Methyl Acetate	3.66	43	105286	52.648	ug/l	95
19) Methyl tert-butyl Ether	4.26	73	465360	48.659	ug/l	98
20) Methylene Chloride	3.83	84	258154	47.848	ug/l	99
21) trans-1,2-Dichloroethene	4.25	96	256229	46.338	ug/l	99
22) Diisopropyl ether	5.14	45	735090	47.836	ug/l	94
23) Vinyl Acetate	5.08	43	2032105	253.932	ug/l	97
24) 1,1-Dichloroethane	5.01	63	449948	48.445	ug/l	98
25) 2-Butanone	6.10	43	384053	286.643	ug/l	97
26) 2,2-Dichloropropane	6.05	77	460055	56.778	ug/l	97
27) cis-1,2-Dichloroethene	6.07	96	313613	49.855	ug/l	97
28) Bromochloromethane	6.46	49	176425	49.644	ug/l	94
29) Tetrahydrofuran	6.48	42	174770	264.736	ug/l	99
30) Chloroform	6.69	83	557750	52.870	ug/l	97
31) Cyclohexane	6.98	56	346635	50.281	ug/l	99
32) 1,1,1-Trichloroethane	6.89	97	506158	55.144	ug/l	98
36) 1,1-Dichloropropene	7.17	75	387600	54.725	ug/l	98
37) Ethyl Acetate	6.20	43	161230	53.419	ug/l	96
38) Carbon Tetrachloride	7.14	117	497943	55.481	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.89	83	366782	52.487	ug/l	97
40) Benzene	7.47	78	923834	52.687	ug/l	98
41) Methacrylonitrile	6.47	41	206980	58.775	ug/l	92
42) 1,2-Dichloroethane	7.60	62	333823	56.071	ug/l	96
43) Isopropyl Acetate	9.26	43	235887	53.489	ug/l #	99
44) Trichloroethene	8.57	130	360013	52.960	ug/l	98
45) 1,2-Dichloropropane	8.96	63	236458	53.157	ug/l	100
46) Dibromomethane	9.09	93	180588	56.419	ug/l	93
47) Bromodichloromethane	9.39	83	398116	52.640	ug/l	99
48) Methyl methacrylate	9.14	41	138894	55.201	ug/l	95
49) 1,4-Dioxane	9.10	88	30615	1128.573	ug/l	91
51) 4-Methyl-2-Pentanone	10.32	43	702576	260.505	ug/l	97
52) Toluene	10.54	92	574425	51.379	ug/l	98
53) t-1,3-Dichloropropene	10.93	75	381224	60.052	ug/l	97
54) cis-1,3-Dichloropropene	10.06	75	429168	55.584	ug/l	97
55) 1,1,2-Trichloroethane	11.22	97	199705	53.206	ug/l	98
56) Ethyl methacrylate	11.07	69	214616	51.627	ug/l	96
57) 1,3-Dichloropropane	11.43	76	310765	53.607	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.88	63	500130	258.767	ug/l	97
59) 2-Hexanone	11.55	43	563516	278.538	ug/l	99
60) Dibromochloromethane	11.71	129	340219	54.781	ug/l	99
61) 1,2-Dibromoethane	11.83	107	245454	55.127	ug/l	99
64) Tetrachloroethene	11.27	164	278246	52.517	ug/l	97
65) Chlorobenzene	12.42	112	714765	50.929	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.52	131	296722	49.843	ug/l	96
67) Ethyl Benzene	12.54	91	1118019	48.807	ug/l	100
68) m/p-Xylenes	12.68	106	821907	99.273	ug/l	96
69) o-Xylene	13.07	106	386160	50.977	ug/l	99
70) Styrene	13.09	104	694459	53.093	ug/l	99
71) Bromoform	13.25	173	186424	54.928	ug/l #	99
73) Isopropylbenzene	13.42	105	1177056	50.178	ug/l	98
74) N-amyl acetate	13.28	43	295813	48.966	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.72	83	229302	49.883	ug/l	99
76) 1,2,3-Trichloropropane	13.75	75	223147	49.972	ug/l	100
77) Bromobenzene	13.69	156	324470	48.218	ug/l	99
78) n-propylbenzene	13.78	91	1249060	46.514	ug/l	99
79) 2-Chlorotoluene	13.85	91	709193	43.601	ug/l	99
80) 1,3,5-Trimethylbenzene	13.94	105	882908	47.204	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.49	75	70539	52.128	ug/l	92
82) 4-Chlorotoluene	13.96	91	863232	48.191	ug/l	97
83) tert-Butylbenzene	14.20	119	1161736	53.616	ug/l	97
84) 1,2,4-Trimethylbenzene	14.25	105	924159	51.746	ug/l	99
85) sec-Butylbenzene	14.38	105	1097098	46.860	ug/l	97
86) p-Isopropyltoluene	14.50	119	1063405	50.751	ug/l	97
87) 1,3-Dichlorobenzene	14.46	146	605775	51.406	ug/l	98
88) 1,4-Dichlorobenzene	14.55	146	524672	47.609	ug/l	93
89) n-Butylbenzene	14.81	91	878067	46.678	ug/l	97
90) Hexachloroethane	15.02	117	312034	55.073	ug/l	85
91) 1,2-Dichlorobenzene	14.82	146	424201	43.640	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.39	75	35074	51.557	ug/l	78

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.96	180	250844	47.827	ug/l	98
94) Hexachlorobutadiene	16.05	225	214424	55.245	ug/l	99
95) Naphthalene	16.14	128	417632	49.317	ug/l	99
96) 1,2,3-Trichlorobenzene	16.29	180	158048	53.111	ug/l	96

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

