

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD032719\
 Data File : VD061347.D
 Acq On : 27 Mar 2019 10:38
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

Quant Time: Mar 27 11:01:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 03:31:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	779921	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.19	114	1291404	50.00	ug/l	-0.04
63) Chlorobenzene-d5	12.34	117	1040982	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	14.50	152	442194	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	304547	45.26	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	90.52%	
35) Dibromofluoromethane	6.90	113	482926	48.87	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	97.74%	
50) Toluene-d8	10.38	98	1202712	50.20	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	100.40%	
62) 4-Bromofluorobenzene	13.53	95	403735	43.19	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	86.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.58	85	359474	45.081	ug/l	97
3) Chloromethane	1.75	50	285883	45.959	ug/l	97
4) Vinyl Chloride	1.85	62	289381	49.755	ug/l	98
5) Bromomethane	2.15	94	61018	51.689	ug/l	98
6) Chloroethane	2.26	64	88324	48.271	ug/l	91
7) Trichlorofluoromethane	2.53	101	416273	48.420	ug/l	98
8) Diethyl Ether	2.86	74	130792	51.166	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.14	101	430454	49.192	ug/l	95
10) Methyl Iodide	3.30	142	597774	48.897	ug/l	99
11) Tert butyl alcohol	4.04	59	94698	264.371	ug/l	99
12) 1,1-Dichloroethene	3.12	96	376830	50.047	ug/l	98
13) Acrolein	3.03	56	83187	212.167	ug/l	95
14) Allyl chloride	3.61	41	522670	48.933	ug/l	98
15) Acrylonitrile	4.17	53	319742	253.819	ug/l	99
16) Acetone	3.21	43	509500	316.554	ug/l	99
17) Carbon Disulfide	3.37	76	1199344	47.961	ug/l	99
18) Methyl Acetate	3.62	43	150666	49.524	ug/l	96
19) Methyl tert-butyl Ether	4.22	73	639059	48.193	ug/l	99
20) Methylene Chloride	3.80	84	427044	46.748	ug/l	99
21) trans-1,2-Dichloroethene	4.20	96	393687	46.737	ug/l	93
22) Diisopropyl ether	5.09	45	1096349	48.724	ug/l	94
23) Vinyl Acetate	5.03	43	3081757	256.436	ug/l	99
24) 1,1-Dichloroethane	4.96	63	681240	51.954	ug/l	99
25) 2-Butanone	6.04	43	548777	294.782	ug/l	98
26) 2,2-Dichloropropane	5.99	77	544083	48.867	ug/l	95
27) cis-1,2-Dichloroethene	6.01	96	444516	49.038	ug/l	98
28) Bromochloromethane	6.41	49	292496	53.294	ug/l	98
29) Tetrahydrofuran	6.43	42	235143	253.761	ug/l	98
30) Chloroform	6.64	83	690948	49.449	ug/l	99
31) Cyclohexane	6.93	56	514045	48.301	ug/l	99
32) 1,1,1-Trichloroethane	6.84	97	577308	46.650	ug/l	98
36) 1,1-Dichloropropene	7.13	75	508068	48.086	ug/l	100
37) Ethyl Acetate	6.15	43	242566	54.965	ug/l	97
38) Carbon Tetrachloride	7.09	117	647993	53.660	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.84	83	555487	50.763	ug/l	97
40) Benzene	7.43	78	1229006	46.836	ug/l	99
41) Methacrylonitrile	6.42	41	262293	51.147	ug/l	98
42) 1,2-Dichloroethane	7.55	62	396206	48.447	ug/l	99
43) Isopropyl Acetate	9.21	43	304161	47.800	ug/l	100
44) Trichloroethene	8.51	130	454737	47.917	ug/l	100
45) 1,2-Dichloropropane	8.92	63	334289	51.616	ug/l	97
46) Dibromomethane	9.04	93	228551	51.483	ug/l	97
47) Bromodichloromethane	9.35	83	520324	50.006	ug/l	100
48) Methyl methacrylate	9.10	41	186168	54.815	ug/l	98
49) 1,4-Dioxane	9.06	88	43268	1161.124	ug/l	97
51) 4-Methyl-2-Pentanone	10.28	43	963156	254.267	ug/l	100
52) Toluene	10.48	92	718552	44.753	ug/l	98
53) t-1,3-Dichloropropene	10.89	75	452582	50.049	ug/l	100
54) cis-1,3-Dichloropropene	10.01	75	559947	50.710	ug/l	97
55) 1,1,2-Trichloroethane	11.16	97	270865	50.814	ug/l	97
56) Ethyl methacrylate	11.01	69	292591	51.439	ug/l	98
57) 1,3-Dichloropropane	11.39	76	388095	48.208	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.83	63	758090	256.181	ug/l	100
59) 2-Hexanone	11.51	43	764146	277.753	ug/l	99
60) Dibromochloromethane	11.66	129	417775	50.039	ug/l	99
61) 1,2-Dibromoethane	11.78	107	326676	52.450	ug/l	97
64) Tetrachloroethene	11.23	164	358868	50.044	ug/l	99
65) Chlorobenzene	12.38	112	966270	50.395	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.49	131	368542	49.576	ug/l	98
67) Ethyl Benzene	12.50	91	1428386	48.678	ug/l	98
68) m/p-Xylenes	12.65	106	1088046	94.989	ug/l	98
69) o-Xylene	13.03	106	554749	52.219	ug/l	98
70) Styrene	13.05	104	945837	52.461	ug/l	100
71) Bromoform	13.22	173	239526	52.654	ug/l	99
73) Isopropylbenzene	13.39	105	1471889	51.176	ug/l	98
74) N-amyl acetate	13.25	43	392401	52.148	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.68	83	319290	57.247	ug/l	97
76) 1,2,3-Trichloropropane	13.72	75	305667	55.584	ug/l	99
77) Bromobenzene	13.65	156	428426	53.327	ug/l	98
78) n-propylbenzene	13.76	91	1706861	52.602	ug/l	96
79) 2-Chlorotoluene	13.82	91	912736	48.311	ug/l	98
80) 1,3,5-Trimethylbenzene	14.22	105	1164898	51.341	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.46	75	102869	59.274	ug/l	99
82) 4-Chlorotoluene	13.93	91	981791	47.534	ug/l	98
83) tert-Butylbenzene	14.17	119	1274305	49.189	ug/l	96
84) 1,2,4-Trimethylbenzene	14.22	105	1164898	51.341	ug/l	99
85) sec-Butylbenzene	14.35	105	1391555	48.233	ug/l	98
86) p-Isopropyltoluene	14.48	119	1286690	49.989	ug/l	97
87) 1,3-Dichlorobenzene	14.44	146	721066	50.636	ug/l	98
88) 1,4-Dichlorobenzene	14.52	146	669703	48.550	ug/l	98
89) n-Butylbenzene	14.79	91	1144645	50.089	ug/l	97
90) Hexachloroethane	14.99	117	352667	51.103	ug/l	85
91) 1,2-Dichlorobenzene	14.79	146	577030	50.782	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.37	75	42064	60.355	ug/l	75

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93) 1,2,4-Trichlorobenzene	15.93	180	283915	54.102	ug/l	97
94) Hexachlorobutadiene	16.03	225	224703	53.141	ug/l	99
95) Naphthalene	16.11	128	422978	55.240	ug/l	99
96) 1,2,3-Trichlorobenzene	16.26	180	122092	49.813	ug/l	97

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

