

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD032719\
 Data File : VD061353.D
 Acq On : 27 Mar 2019 14:02
 Operator : VA/AP
 Sample : VSTDICC100
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 28 09:22:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:14:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	699793	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	1211249	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	973618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	377581	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	607650	101.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.30%	
35) Dibromofluoromethane	6.90	113	949040	102.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.06%	
50) Toluene-d8	10.39	98	2150056	96.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	193.70%	
62) 4-Bromofluorobenzene	13.54	95	800977	94.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	188.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.58	85	773724	103.529	ug/l	99
3) Chloromethane	1.75	50	649001	106.480	ug/l	98
4) Vinyl Chloride	1.85	62	548566	98.022	ug/l	97
5) Bromomethane	2.14	94	101233	91.223	ug/l	98
6) Chloroethane	2.25	64	141293	86.095	ug/l	99
7) Trichlorofluoromethane	2.52	101	751872	92.392	ug/l	98
8) Diethyl Ether	2.87	74	275218	105.040	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.14	101	891228	101.868	ug/l	97
10) Methyl Iodide	3.29	142	1402041	101.572	ug/l	99
11) Tert butyl alcohol	4.05	59	191337	513.952	ug/l	98
12) 1,1-Dichloroethene	3.12	96	760787	101.286	ug/l	98
13) Acrolein	3.03	56	133138	491.511	ug/l	99
14) Allyl chloride	3.61	41	1129333	107.796	ug/l	97
15) Acrylonitrile	4.17	53	643449	497.975	ug/l	97
16) Acetone	3.22	43	743979	484.134	ug/l	100
17) Carbon Disulfide	3.36	76	2517265	103.147	ug/l	98
18) Methyl Acetate	3.62	43	320407	99.166	ug/l	97
19) Methyl tert-butyl Ether	4.22	73	1318316	101.392	ug/l	98
20) Methylene Chloride	3.80	84	869958	103.095	ug/l	97
21) trans-1,2-Dichloroethene	4.20	96	806351	99.433	ug/l	98
22) Diisopropyl ether	5.10	45	2281026	102.888	ug/l	99
23) Vinyl Acetate	5.04	43	6097580	506.333	ug/l	100
24) 1,1-Dichloroethane	4.96	63	1330963	102.153	ug/l	99
25) 2-Butanone	6.04	43	970647	502.130	ug/l	98
26) 2,2-Dichloropropane	6.00	77	1013048	97.809	ug/l	100
27) cis-1,2-Dichloroethene	6.01	96	867798	97.669	ug/l	95
28) Bromochloromethane	6.41	49	540047	102.682	ug/l	# 93
29) Tetrahydrofuran	6.43	42	490498	523.508	ug/l	99
30) Chloroform	6.64	83	1369871	101.753	ug/l	100
31) Cyclohexane	6.93	56	1019666	99.034	ug/l	98
32) 1,1,1-Trichloroethane	6.85	97	1215113	102.308	ug/l	97
36) 1,1-Dichloropropene	7.12	75	1099749	104.030	ug/l	99
37) Ethyl Acetate	6.16	43	457251	101.136	ug/l	99
38) Carbon Tetrachloride	7.08	117	1271948	105.672	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.84	83	1080867	98.170	ug/l	99
40) Benzene	7.43	78	2599414	97.975	ug/l	96
41) Methacrylonitrile	6.41	41	539468	102.050	ug/l #	92
42) 1,2-Dichloroethane	7.56	62	801298	100.967	ug/l	98
43) Isopropyl Acetate	9.21	43	675477	102.684	ug/l #	97
44) Trichloroethene	8.51	130	1030214	104.340	ug/l	96
45) 1,2-Dichloropropane	8.91	63	689808	102.534	ug/l	98
46) Dibromomethane	9.03	93	478289	105.625	ug/l	94
47) Bromodichloromethane	9.35	83	1037036	102.038	ug/l	99
48) Methyl methacrylate	9.09	41	368679	101.552	ug/l	98
49) 1,4-Dioxane	9.05	88	89729	2240.794	ug/l	96
51) 4-Methyl-2-Pentanone	10.28	43	1943707	485.668	ug/l	99
52) Toluene	10.48	92	1462323	90.344	ug/l	100
53) t-1,3-Dichloropropene	10.88	75	871568	94.388	ug/l	99
54) cis-1,3-Dichloropropene	10.02	75	1134114	100.866	ug/l	96
55) 1,1,2-Trichloroethane	11.17	97	542824	95.894	ug/l	99
56) Ethyl methacrylate	11.02	69	640552	105.335	ug/l	100
57) 1,3-Dichloropropane	11.39	76	779829	93.728	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.83	63	1372800	463.556	ug/l	99
59) 2-Hexanone	11.51	43	1393724	480.650	ug/l	99
60) Dibromochloromethane	11.66	129	885989	101.528	ug/l	99
61) 1,2-Dibromoethane	11.78	107	652706	99.577	ug/l	100
64) Tetrachloroethene	11.23	164	767205	100.404	ug/l	98
65) Chlorobenzene	12.38	112	1869374	93.950	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.50	131	759179	98.542	ug/l	98
67) Ethyl Benzene	12.51	91	2798517	92.145	ug/l	99
68) m/p-Xylenes	12.65	106	1951659	169.641	ug/l	95
69) o-Xylene	13.03	106	1018820	91.257	ug/l	97
70) Styrene	13.06	104	1656354	85.109	ug/l	97
71) Bromoform	13.22	173	501243	102.636	ug/l	100
73) Isopropylbenzene	13.38	105	2672574	101.699	ug/l	99
74) N-amyl acetate	13.25	43	835348	114.109	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.68	83	620327	111.899	ug/l	96
76) 1,2,3-Trichloropropane	13.72	75	612345	112.269	ug/l	99
77) Bromobenzene	13.65	156	833745	107.018	ug/l	96
78) n-propylbenzene	13.76	91	3465246	107.751	ug/l	100
79) 2-Chlorotoluene	13.83	91	1989074	113.909	ug/l	98
80) 1,3,5-Trimethylbenzene	13.92	105	1892718	87.156	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.45	75	203764	122.528	ug/l	96
82) 4-Chlorotoluene	13.94	91	1790993	94.328	ug/l	99
83) tert-Butylbenzene	14.17	119	2508387	98.439	ug/l	99
84) 1,2,4-Trimethylbenzene	14.22	105	2036945	92.276	ug/l	98
85) sec-Butylbenzene	14.35	105	2882110	106.469	ug/l	98
86) p-Isopropyltoluene	14.48	119	2186475	95.519	ug/l	99
87) 1,3-Dichlorobenzene	14.44	146	1358738	102.991	ug/l	98
88) 1,4-Dichlorobenzene	14.53	146	1327205	103.160	ug/l	98
89) n-Butylbenzene	14.78	91	2041615	97.175	ug/l	98
90) Hexachloroethane	14.99	117	676038	104.540	ug/l	70
91) 1,2-Dichlorobenzene	14.79	146	1052040	97.219	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.36	75	78502	120.739	ug/l	95

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93) 1,2,4-Trichlorobenzene	15.93	180	550788	111.733	ug/l	98
94) Hexachlorobutadiene	16.02	225	432584	112.301	ug/l	100
95) Naphthalene	16.11	128	849254	113.025	ug/l	99
96) 1,2,3-Trichlorobenzene	16.26	180	278264	128.280	ug/l	97

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

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