

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060519\
 Data File : VD062612.D
 Acq On : 5 Jun 2019 14:46
 Operator : FY/SY
 Sample : VSTDIC010
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Quant Time: Jun 06 05:29:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 06 05:23:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	749539	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	973075	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	834172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	479264	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	99396	9.67	ug/l	0.00
Spiked Amount			Recovery	=	19.34%	
35) Dibromofluoromethane	6.93	113	92284	9.33	ug/l	0.00
Spiked Amount			Recovery	=	18.66%	
50) Toluene-d8	10.42	98	215918	10.13	ug/l	0.00
Spiked Amount			Recovery	=	20.26%	
62) 4-Bromofluorobenzene	13.56	95	97639	9.72	ug/l	0.00
Spiked Amount			Recovery	=	19.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	96028	10.358	ug/l	93
3) Chloromethane	1.75	50	76485	10.567	ug/l #	86
4) Vinyl Chloride	1.85	62	69959	9.856	ug/l	98
5) Bromomethane	2.16	94	35894	10.295	ug/l	91
6) Chloroethane	2.28	64	38860	10.848	ug/l	90
7) Trichlorofluoromethane	2.53	101	159031	10.036	ug/l	98
8) Diethyl Ether	2.87	74	20763	10.083	ug/l	73
9) 1,1,2-Trichlorotrifluoroet	3.15	101	88967	9.986	ug/l	99
10) Methyl Iodide	3.31	142	106145	9.309	ug/l	97
11) Tert butyl alcohol	4.09	59	22113	48.031	ug/l #	85
12) 1,1-Dichloroethene	3.13	96	62259	9.536	ug/l	96
13) Acrolein	3.04	56	7305	44.868	ug/l	95
14) Allyl chloride	3.62	41	97502	9.799	ug/l #	90
15) Acrylonitrile	4.21	53	53183	52.991	ug/l #	81
16) Acetone	3.23	43	96814	52.399	ug/l #	86
17) Carbon Disulfide	3.38	76	181085	9.517	ug/l	97
18) Methyl Acetate	3.65	43	36133	10.998	ug/l #	89
19) Methyl tert-butyl Ether	4.24	73	163159	10.306	ug/l	99
20) Methylene Chloride	3.82	84	81924	11.392	ug/l	87
21) trans-1,2-Dichloroethene	4.21	96	74123	10.414	ug/l	86
22) Diisopropyl ether	5.13	45	216119	10.282	ug/l	90
23) Vinyl Acetate	5.07	43	651506	50.949	ug/l	98
24) 1,1-Dichloroethane	4.99	63	130290	9.838	ug/l #	96
25) 2-Butanone	6.08	43	92903	52.932	ug/l #	87
26) 2,2-Dichloropropane	6.04	77	142424	9.842	ug/l	99
27) cis-1,2-Dichloroethene	6.05	96	76877	10.021	ug/l	96
28) Bromochloromethane	6.45	49	44754	8.932	ug/l	94
29) Tetrahydrofuran	6.47	42	41532	50.975	ug/l	91
30) Chloroform	6.68	83	172619	10.480	ug/l	98
31) Cyclohexane	6.96	56	81926	9.677	ug/l	90
32) 1,1,1-Trichloroethane	6.88	97	160566	9.629	ug/l	97
36) 1,1-Dichloropropene	7.15	75	108644	10.385	ug/l	96
37) Ethyl Acetate	6.19	43	46218	10.947	ug/l #	90
38) Carbon Tetrachloride	7.12	117	167941	10.590	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	90015	10.063	ug/l	92
40) Benzene	7.46	78	205887	9.964	ug/l	99
41) Methacrylonitrile	6.47	41	57925	10.595	ug/l #	81
42) 1,2-Dichloroethane	7.58	62	132436	10.889	ug/l	97
43) Isopropyl Acetate	9.25	43	57969	9.990	ug/l #	100
44) Trichloroethene	8.55	130	86997	10.382	ug/l	89
45) 1,2-Dichloropropane	8.95	63	51703	9.992	ug/l	91
46) Dibromomethane	9.07	93	46827	10.403	ug/l	93
47) Bromodichloromethane	9.37	83	119849	9.885	ug/l	97
48) Methyl methacrylate	9.13	41	41547	10.528	ug/l	94
49) 1,4-Dioxane	9.09	88	6949	221.874	ug/l #	76
51) 4-Methyl-2-Pentanone	10.31	43	202684	53.642	ug/l	98
52) Toluene	10.52	92	141203	10.303	ug/l	88
53) t-1,3-Dichloropropene	10.92	75	101747	10.107	ug/l	93
54) cis-1,3-Dichloropropene	10.04	75	98005	9.560	ug/l #	84
55) 1,1,2-Trichloroethane	11.19	97	51401	10.932	ug/l	89
56) Ethyl methacrylate	11.05	69	52436	10.006	ug/l #	87
57) 1,3-Dichloropropane	11.41	76	82425	11.228	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.87	63	152898	56.887	ug/l	97
59) 2-Hexanone	11.54	43	148763	51.925	ug/l	99
60) Dibromochloromethane	11.69	129	96963	10.553	ug/l	95
61) 1,2-Dibromoethane	11.81	107	59258	10.290	ug/l	91
64) Tetrachloroethene	11.26	164	74263	9.858	ug/l #	86
65) Chlorobenzene	12.41	112	180487	10.413	ug/l	97
66) 1,1,1,2-Tetrachloroethane	12.51	131	86971	10.438	ug/l	95
67) Ethyl Benzene	12.52	91	345373	11.024	ug/l	92
68) m/p-Xylenes	12.67	106	218239	19.971	ug/l	92
69) o-Xylene	13.06	106	108556	10.310	ug/l	98
70) Styrene	13.07	104	185597	10.492	ug/l	98
71) Bromoform	13.24	173	56985	9.902	ug/l #	93
73) Isopropylbenzene	13.41	105	348038	10.444	ug/l	97
74) N-amyl acetate	13.27	43	86354	10.036	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.70	83	53841	9.638	ug/l	98
76) 1,2,3-Trichloropropane	13.73	75	62143	9.940	ug/l	97
77) Bromobenzene	13.68	156	96373	10.397	ug/l	83
78) n-propylbenzene	13.77	91	412973	10.686	ug/l	99
79) 2-Chlorotoluene	13.84	91	239404	10.218	ug/l	100
80) 1,3,5-Trimethylbenzene	13.94	105	301171	10.501	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.48	75	13706	8.529	ug/l	94
82) 4-Chlorotoluene	13.95	91	290813	10.547	ug/l	92
83) tert-Butylbenzene	14.20	119	321078	10.167	ug/l	87
84) 1,2,4-Trimethylbenzene	14.24	105	319972	10.900	ug/l	96
85) sec-Butylbenzene	14.37	105	309076	9.498	ug/l	98
86) p-Isopropyltoluene	14.49	119	320188	10.235	ug/l	98
87) 1,3-Dichlorobenzene	14.46	146	160294	10.304	ug/l	94
88) 1,4-Dichlorobenzene	14.54	146	161095	10.225	ug/l	97
89) n-Butylbenzene	14.80	91	287700	9.890	ug/l	95
90) Hexachloroethane	15.01	117	72938	8.858	ug/l	74
91) 1,2-Dichlorobenzene	14.82	146	149243	10.389	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	15.39	75	10820	9.469	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	105319	10.204	ug/l	96
94) Hexachlorobutadiene	16.04	225	74927	9.678	ug/l	95
95) Naphthalene	16.13	128	148760	10.065	ug/l	97
96) 1,2,3-Trichlorobenzene	16.27	180	77381	9.804	ug/l	98

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

