

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061919\
 Data File : VD062778.D
 Acq On : 19 Jun 2019 14:45
 Operator : VA/AP
 Sample : VSTDIC010
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Quant Time: Jun 20 01:36:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:31:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	874997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1129202	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	986259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	542402	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	91993	9.66	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	19.32%	
35) Dibromofluoromethane	6.93	113	97228	10.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.42%	
50) Toluene-d8	10.41	98	217329	10.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.98%	
62) 4-Bromofluorobenzene	13.55	95	95249	10.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	120764	10.655	ug/l	96
3) Chloromethane	1.74	50	92762	10.882	ug/l #	85
4) Vinyl Chloride	1.84	62	81694	9.667	ug/l	100
5) Bromomethane	2.14	94	45208	11.422	ug/l	93
6) Chloroethane	2.26	64	45028	11.768	ug/l #	70
7) Trichlorofluoromethane	2.53	101	174986	10.231	ug/l	96
8) Diethyl Ether	2.87	74	22689	10.441	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.15	101	89498	9.659	ug/l #	85
10) Methyl Iodide	3.29	142	111197	9.097	ug/l	96
11) Tert butyl alcohol	4.08	59	20997	48.422	ug/l #	95
12) 1,1-Dichloroethene	3.12	96	70267	10.109	ug/l	93
13) Acrolein	3.03	56	21659	48.929	ug/l	96
14) Allyl chloride	3.61	41	106579	10.389	ug/l	99
15) Acrylonitrile	4.19	53	50747	49.811	ug/l	98
16) Acetone	3.22	43	98793	46.371	ug/l #	91
17) Carbon Disulfide	3.37	76	215336	9.707	ug/l	96
18) Methyl Acetate	3.64	43	29431	10.241	ug/l #	91
19) Methyl tert-butyl Ether	4.23	73	143912	9.564	ug/l #	88
20) Methylene Chloride	3.81	84	74024	10.195	ug/l #	87
21) trans-1,2-Dichloroethene	4.21	96	67248	9.086	ug/l	90
22) Diisopropyl ether	5.13	45	208187	9.968	ug/l #	95
23) Vinyl Acetate	5.06	43	627287	47.902	ug/l	99
24) 1,1-Dichloroethane	4.98	63	135056	9.932	ug/l	96
25) 2-Butanone	6.07	43	88385	49.642	ug/l	96
26) 2,2-Dichloropropane	6.02	77	143996	9.990	ug/l	91
27) cis-1,2-Dichloroethene	6.03	96	78212	9.993	ug/l	91
28) Bromochloromethane	6.44	49	48177	10.059	ug/l #	73
29) Tetrahydrofuran	6.46	42	40628	48.227	ug/l	98
30) Chloroform	6.67	83	163200	9.868	ug/l	96
31) Cyclohexane	6.96	56	85826	9.600	ug/l	90
32) 1,1,1-Trichloroethane	6.87	97	170481	9.897	ug/l	93
36) 1,1-Dichloropropene	7.14	75	115030	10.761	ug/l	95
37) Ethyl Acetate	6.18	43	48518	9.911	ug/l #	73
38) Carbon Tetrachloride	7.11	117	164909	10.073	ug/l	98

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39) Methylcyclohexane	8.87	83	93647	9.953	ug/l	93
40) Benzene	7.45	78	219501	10.230	ug/l	98
41) Methacrylonitrile	6.44	41	58820	10.434	ug/l #	89
42) 1,2-Dichloroethane	7.58	62	119539	10.212	ug/l	98
43) Isopropyl Acetate	9.24	43	53933	9.624	ug/l #	90
44) Trichloroethene	8.54	130	82252	9.778	ug/l	87
45) 1,2-Dichloropropane	8.95	63	55053	10.318	ug/l	92
46) Dibromomethane	9.06	93	47233	10.306	ug/l	89
47) Bromodichloromethane	9.38	83	123688	10.391	ug/l	96
48) Methyl methacrylate	9.12	41	39922	10.024	ug/l	97
49) 1,4-Dioxane	9.08	88	6006	181.271	ug/l #	89
51) 4-Methyl-2-Pentanone	10.30	43	211597	53.255	ug/l	100
52) Toluene	10.51	92	142890	9.907	ug/l	94
53) t-1,3-Dichloropropene	10.91	75	102637	10.535	ug/l	97
54) cis-1,3-Dichloropropene	10.04	75	108818	10.276	ug/l	96
55) 1,1,2-Trichloroethane	11.20	97	49805	10.051	ug/l #	88
56) Ethyl methacrylate	11.04	69	53177	10.041	ug/l	92
57) 1,3-Dichloropropane	11.41	76	77607	10.228	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.86	63	133081	48.949	ug/l	100
59) 2-Hexanone	11.53	43	134938	47.686	ug/l	96
60) Dibromochloromethane	11.69	129	92604	10.033	ug/l	99
61) 1,2-Dibromoethane	11.81	107	58580	10.009	ug/l	83
64) Tetrachloroethene	11.26	164	80591	9.928	ug/l #	86
65) Chlorobenzene	12.40	112	171224	9.355	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.52	131	87829	10.260	ug/l	95
67) Ethyl Benzene	12.53	91	324477	9.874	ug/l	98
68) m/p-Xylenes	12.68	106	238066	20.800	ug/l	93
69) o-Xylene	13.05	106	104149	9.954	ug/l	93
70) Styrene	13.07	104	175455	9.547	ug/l	97
71) Bromoform	13.24	173	55357	9.439	ug/l	96
73) Isopropylbenzene	13.40	105	344675	9.911	ug/l	99
74) N-amyl acetate	13.27	43	74417	8.811	ug/l	94
75) 1,1,2,2-Tetrachloroethane	13.70	83	52825	9.322	ug/l	95
76) 1,2,3-Trichloropropane	13.74	75	59624	9.522	ug/l	90
77) Bromobenzene	13.67	156	85050	9.092	ug/l	88
78) n-propylbenzene	13.78	91	405256	10.012	ug/l	97
79) 2-Chlorotoluene	13.84	91	236716	10.242	ug/l	95
80) 1,3,5-Trimethylbenzene	13.94	105	277380	9.495	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.47	75	16438	10.017	ug/l	95
82) 4-Chlorotoluene	13.95	91	275290	9.885	ug/l	93
83) tert-Butylbenzene	14.19	119	316553	9.722	ug/l	93
84) 1,2,4-Trimethylbenzene	14.24	105	307564	10.272	ug/l	95
85) sec-Butylbenzene	14.37	105	362666	10.248	ug/l	95
86) p-Isopropyltoluene	14.50	119	336561	10.395	ug/l	96
87) 1,3-Dichlorobenzene	14.46	146	163043	9.723	ug/l	93
88) 1,4-Dichlorobenzene	14.54	146	174984	10.390	ug/l	93
89) n-Butylbenzene	14.80	91	304019	10.033	ug/l	95
90) Hexachloroethane	15.01	117	78601	9.029	ug/l	88
91) 1,2-Dichlorobenzene	14.81	146	140652	9.804	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.38	75	11416	10.322	ug/l	79

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	120669	10.767	ug/l	93
94) Hexachlorobutadiene	16.04	225	83445	9.746	ug/l	97
95) Naphthalene	16.12	128	149604	9.524	ug/l	97
96) 1,2,3-Trichlorobenzene	16.27	180	83588	9.707	ug/l	97

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

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