

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062019\
 Data File : VD062787.D
 Acq On : 20 Jun 2019 12:10
 Operator : VA/AP
 Sample : VD0620SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0620SBS01

Quant Time: Jun 21 06:32:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	966032	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.24	114	1296285	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.39	117	1100518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	602336	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	546127	52.01	ug/l	0.00
Spiked Amount 50.000			Recovery =	104.02%		
35) Dibromofluoromethane	6.95	113	564944	51.69	ug/l	0.02
Spiked Amount 50.000			Recovery =	103.38%		
50) Toluene-d8	10.44	98	1221511	51.35	ug/l	0.02
Spiked Amount 50.000			Recovery =	102.70%		
62) 4-Bromofluorobenzene	13.57	95	546075	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.96%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	231701	18.535	ug/l	99
3) Chloromethane	1.75	50	173095	18.412	ug/l	99
4) Vinyl Chloride	1.85	62	163657	17.557	ug/l	99
5) Bromomethane	2.16	94	61749	14.145	ug/l	98
6) Chloroethane	2.27	64	64765	15.347	ug/l	96
7) Trichlorofluoromethane	2.54	101	308147	16.335	ug/l	96
8) Diethyl Ether	2.89	74	39975	16.678	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.15	101	178137	17.430	ug/l	93
10) Methyl Iodide	3.32	142	191215	14.182	ug/l	96
11) Tert butyl alcohol	4.11	59	35904	75.074	ug/l	98
12) 1,1-Dichloroethene	3.14	96	128963	16.821	ug/l	91
13) Acrolein	3.05	56	44431	91.003	ug/l	94
14) Allyl chloride	3.63	41	188820	16.668	ug/l	90
15) Acrylonitrile	4.22	53	88170	78.460	ug/l	97
16) Acetone	3.24	43	162345	71.236	ug/l	98
17) Carbon Disulfide	3.39	76	405406	16.545	ug/l #	92
18) Methyl Acetate	3.66	43	59329	18.716	ug/l	96
19) Methyl tert-butyl Ether	4.25	73	264101	15.912	ug/l	92
20) Methylene Chloride	3.83	84	127530	15.925	ug/l #	89
21) trans-1,2-Dichloroethene	4.24	96	138730	16.994	ug/l	88
22) Diisopropyl ether	5.15	45	385090	16.715	ug/l	96
23) Vinyl Acetate	5.08	43	1172821	81.356	ug/l	99
24) 1,1-Dichloroethane	5.01	63	238678	15.912	ug/l	100
25) 2-Butanone	6.10	43	158501	80.706	ug/l #	92
26) 2,2-Dichloropropane	6.05	77	277554	17.457	ug/l	94
27) cis-1,2-Dichloroethene	6.07	96	147565	17.094	ug/l	93
28) Bromochloromethane	6.47	49	121903	23.075	ug/l	87
29) Tetrahydrofuran	6.49	42	74588	80.270	ug/l	93
30) Chloroform	6.69	83	300348	16.465	ug/l	95
31) Cyclohexane	6.98	56	159827	16.208	ug/l	90
32) 1,1,1-Trichloroethane	6.89	97	320687	16.878	ug/l	97
36) 1,1-Dichloropropene	7.17	75	201016	16.381	ug/l	92
37) Ethyl Acetate	6.20	43	92906	17.303	ug/l	96
38) Carbon Tetrachloride	7.14	117	314610	17.047	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.89	83	178603	16.535	ug/l	90
40) Benzene	7.48	78	416865	16.924	ug/l	98
41) Methacrylonitrile	6.48	41	105463	16.297	ug/l #	92
42) 1,2-Dichloroethane	7.60	62	228964	17.039	ug/l	99
43) Isopropyl Acetate	9.26	43	101159	15.724	ug/l #	97
44) Trichloroethene	8.57	130	164456	17.030	ug/l	93
45) 1,2-Dichloropropane	8.96	63	88376	14.429	ug/l #	88
46) Dibromomethane	9.09	93	90309	17.165	ug/l	87
47) Bromodichloromethane	9.39	83	222807	16.306	ug/l	96
48) Methyl methacrylate	9.14	41	77725	17.001	ug/l	96
49) 1,4-Dioxane	9.12	88	14083	370.261	ug/l	90
51) 4-Methyl-2-Pentanone	10.32	43	358289	78.551	ug/l	95
52) Toluene	10.53	92	287747	17.378	ug/l	98
53) t-1,3-Dichloropropene	10.94	75	186991	16.719	ug/l	96
54) cis-1,3-Dichloropropene	10.06	75	195189	16.057	ug/l	97
55) 1,1,2-Trichloroethane	11.21	97	95866	16.852	ug/l	94
56) Ethyl methacrylate	11.07	69	99341	16.341	ug/l	97
57) 1,3-Dichloropropane	11.43	76	142921	16.409	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.87	63	319391	102.335	ug/l	100
59) 2-Hexanone	11.55	43	265896	81.853	ug/l	96
60) Dibromochloromethane	11.71	129	178960	16.890	ug/l	97
61) 1,2-Dibromoethane	11.82	107	111202	16.552	ug/l	98
64) Tetrachloroethene	11.28	164	142982	15.786	ug/l	95
65) Chlorobenzene	12.41	112	331108	16.211	ug/l	96
66) 1,1,1,2-Tetrachloroethane	12.53	131	158151	16.557	ug/l	98
67) Ethyl Benzene	12.54	91	588745	16.055	ug/l	99
68) m/p-Xylenes	12.68	106	431367	33.775	ug/l	98
69) o-Xylene	13.06	106	200482	17.171	ug/l	97
70) Styrene	13.08	104	326787	15.935	ug/l	98
71) Bromoform	13.25	173	107779	16.469	ug/l	94
73) Isopropylbenzene	13.42	105	683630	17.701	ug/l	99
74) N-amyl acetate	13.28	43	155493	16.579	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.71	83	98050	15.582	ug/l	97
76) 1,2,3-Trichloropropane	13.74	75	112023	16.110	ug/l	99
77) Bromobenzene	13.68	156	181485	17.471	ug/l	98
78) n-propylbenzene	13.78	91	729795	16.235	ug/l	94
79) 2-Chlorotoluene	13.85	91	431389	16.793	ug/l	98
80) 1,3,5-Trimethylbenzene	13.95	105	531599	16.387	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.49	75	27748	15.226	ug/l	97
82) 4-Chlorotoluene	13.96	91	531726	17.193	ug/l	98
83) tert-Butylbenzene	14.21	119	608871	16.839	ug/l	98
84) 1,2,4-Trimethylbenzene	14.25	105	534327	16.070	ug/l	95
85) sec-Butylbenzene	14.38	105	643898	16.384	ug/l	100
86) p-Isopropyltoluene	14.50	119	598872	16.657	ug/l	98
87) 1,3-Dichlorobenzene	14.47	146	302883	16.266	ug/l	99
88) 1,4-Dichlorobenzene	14.55	146	314710	16.827	ug/l	95
89) n-Butylbenzene	14.81	91	595918	17.709	ug/l	98
90) Hexachloroethane	15.02	117	156523	16.192	ug/l	90
91) 1,2-Dichlorobenzene	14.82	146	284383	17.850	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	15.39	75	20140	16.398	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.96	180	210602	16.922	ug/l	97
94) Hexachlorobutadiene	16.05	225	149060	15.678	ug/l	97
95) Naphthalene	16.14	128	272939	15.647	ug/l	99
96) 1,2,3-Trichlorobenzene	16.28	180	155943	16.308	ug/l	92

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

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