

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060419\
 Data File : VD062599.D
 Acq On : 4 Jun 2019 15:44
 Operator : FY/SY
 Sample : VD0604SBS01
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0604SBS01

Quant Time: Jun 05 03:48:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 02:08:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	894488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1179405	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	999443	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	539019	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	554214	52.84	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	105.68%	
35) Dibromofluoromethane	6.92	113	598582	55.70	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	111.40%	
50) Toluene-d8	10.41	98	1156987	49.13	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	98.26%	
62) 4-Bromofluorobenzene	13.56	95	549663	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.58	85	217378	20.953	ug/l	95
3) Chloromethane	1.75	50	168211	14.072	ug/l	96
4) Vinyl Chloride	1.85	62	153220	19.334	ug/l	97
5) Bromomethane	2.16	94	61579	23.928	ug/l	91
6) Chloroethane	2.26	64	76271	20.524	ug/l	96
7) Trichlorofluoromethane	2.53	101	338552	20.215	ug/l	93
8) Diethyl Ether	2.87	74	49300	22.948	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.14	101	184501	18.656	ug/l	92
10) Methyl Iodide	3.31	142	257114	22.912	ug/l	99
11) Tert butyl alcohol	4.08	59	42620	95.273	ug/l #	95
12) 1,1-Dichloroethene	3.12	96	135189	19.323	ug/l	94
13) Acrolein	3.04	56	18451	94.661	ug/l	88
14) Allyl chloride	3.61	41	210269	19.241	ug/l	94
15) Acrylonitrile	4.20	53	101863	95.253	ug/l	93
16) Acetone	3.23	43	193145	93.727	ug/l #	91
17) Carbon Disulfide	3.37	76	402480	17.698	ug/l	99
18) Methyl Acetate	3.64	43	65852	19.579	ug/l	97
19) Methyl tert-butyl Ether	4.24	73	326936	19.291	ug/l	100
20) Methylene Chloride	3.81	84	153381	20.107	ug/l	91
21) trans-1,2-Dichloroethene	4.21	96	141151	17.779	ug/l	95
22) Diisopropyl ether	5.12	45	448000	20.066	ug/l	96
23) Vinyl Acetate	5.06	43	1330636	98.280	ug/l	99
24) 1,1-Dichloroethane	4.98	63	282892	19.635	ug/l	98
25) 2-Butanone	6.06	43	175256	90.302	ug/l #	92
26) 2,2-Dichloropropane	6.02	77	319594	19.995	ug/l	97
27) cis-1,2-Dichloroethene	6.03	96	158687	19.444	ug/l	99
28) Bromochloromethane	6.44	49	106835	21.459	ug/l	91
29) Tetrahydrofuran	6.46	42	85116	97.906	ug/l	97
30) Chloroform	6.66	83	359469	20.706	ug/l	99
31) Cyclohexane	6.95	56	190712	19.578	ug/l	99
32) 1,1,1-Trichloroethane	6.87	97	366744	20.298	ug/l	97
36) 1,1-Dichloropropene	7.14	75	233193	19.862	ug/l	95
37) Ethyl Acetate	6.18	43	100395	20.283	ug/l #	95
38) Carbon Tetrachloride	7.11	117	379572	21.715	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	195464	19.664	ug/l	96
40) Benzene	7.45	78	458063	19.879	ug/l	97
41) Methacrylonitrile	6.46	41	118925	20.417	ug/l #	90
42) 1,2-Dichloroethane	7.58	62	264175	20.582	ug/l	96
43) Isopropyl Acetate	9.23	43	126656	20.560	ug/l #	97
44) Trichloroethene	8.54	130	197090	21.410	ug/l	94
45) 1,2-Dichloropropane	8.94	63	113262	20.049	ug/l	96
46) Dibromomethane	9.06	93	98533	20.764	ug/l	91
47) Bromodichloromethane	9.37	83	257929	19.727	ug/l #	96
48) Methyl methacrylate	9.12	41	93894	22.884	ug/l	98
49) 1,4-Dioxane	9.08	88	13791	413.806	ug/l #	68
51) 4-Methyl-2-Pentanone	10.30	43	432696	100.675	ug/l	97
52) Toluene	10.50	92	294717	18.753	ug/l	99
53) t-1,3-Dichloropropene	10.91	75	217670	19.705	ug/l	100
54) cis-1,3-Dichloropropene	10.03	75	229937	20.021	ug/l	93
55) 1,1,2-Trichloroethane	11.18	97	99343	19.251	ug/l	93
56) Ethyl methacrylate	11.04	69	112010	20.365	ug/l	96
57) 1,3-Dichloropropane	11.40	76	162693	20.452	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.85	63	355529	126.037	ug/l	97
59) 2-Hexanone	11.53	43	306707	101.738	ug/l	94
60) Dibromochloromethane	11.69	129	196655	19.610	ug/l	96
61) 1,2-Dibromoethane	11.80	107	123303	19.863	ug/l	98
64) Tetrachloroethene	11.25	164	163186	18.470	ug/l	97
65) Chlorobenzene	12.39	112	386573	19.855	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.51	131	188415	20.462	ug/l	97
67) Ethyl Benzene	12.52	91	714914	20.041	ug/l	99
68) m/p-Xylenes	12.66	106	478504	38.776	ug/l	91
69) o-Xylene	13.04	106	224038	19.032	ug/l	78
70) Styrene	13.07	104	403381	20.181	ug/l	97
71) Bromoform	13.23	173	117499	18.178	ug/l #	97
73) Isopropylbenzene	13.40	105	640987	18.038	ug/l	94
74) N-amyl acetate	13.26	43	173264	19.123	ug/l	94
75) 1,1,2,2-Tetrachloroethane	13.69	83	109417	19.415	ug/l	96
76) 1,2,3-Trichloropropane	13.73	75	124654	19.276	ug/l	99
77) Bromobenzene	13.66	156	188951	19.393	ug/l	80
78) n-propylbenzene	13.77	91	777307	18.977	ug/l	100
79) 2-Chlorotoluene	13.84	91	493234	20.768	ug/l	96
80) 1,3,5-Trimethylbenzene	13.93	105	614177	20.227	ug/l	95
81) trans-1,4-Dichloro-2-buten	13.47	75	33443	18.048	ug/l #	62
82) 4-Chlorotoluene	13.94	91	589317	20.727	ug/l	87
83) tert-Butylbenzene	14.19	119	619319	18.279	ug/l	99
84) 1,2,4-Trimethylbenzene	14.24	105	567579	18.344	ug/l	100
85) sec-Butylbenzene	14.36	105	709430	19.765	ug/l	96
86) p-Isopropyltoluene	14.49	119	606501	18.086	ug/l	99
87) 1,3-Dichlorobenzene	14.45	146	320398	18.971	ug/l	95
88) 1,4-Dichlorobenzene	14.53	146	340267	20.104	ug/l	95
89) n-Butylbenzene	14.80	91	619738	20.703	ug/l	98
90) Hexachloroethane	15.00	117	163294	18.355	ug/l	75
91) 1,2-Dichlorobenzene	14.81	146	293858	20.683	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.38	75	20124	17.221	ug/l	73

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	202248	17.803	ug/l	93
94) Hexachlorobutadiene	16.04	225	153264	18.275	ug/l	98
95) Naphthalene	16.13	128	288816	18.668	ug/l	99
96) 1,2,3-Trichlorobenzene	16.26	180	146084	17.214	ug/l	96

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

