

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061219\
 Data File : VD062674.D
 Acq On : 12 Jun 2019 15:14
 Operator : VA/AP
 Sample : VD0612SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0612SBS01

Quant Time: Jun 13 07:24:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	791954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	972118	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	847916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	477455	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	485482	42.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.96%	
35) Dibromofluoromethane	6.91	113	509613	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
50) Toluene-d8	10.40	98	1059988	49.15	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	98.30%	
62) 4-Bromofluorobenzene	13.55	95	481048	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.57	85	182559	18.187	ug/l	94
3) Chloromethane	1.74	50	140584	17.941	ug/l	98
4) Vinyl Chloride	1.84	62	147989	18.315	ug/l	98
5) Bromomethane	2.14	94	57654	14.135	ug/l	95
6) Chloroethane	2.26	64	69391	17.394	ug/l #	72
7) Trichlorofluoromethane	2.52	101	315121	17.423	ug/l	93
8) Diethyl Ether	2.87	74	37309	15.167	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	3.13	101	171638	17.597	ug/l	94
10) Methyl Iodide	3.29	142	174427	15.340	ug/l	95
11) Tert butyl alcohol	4.09	59	47225	100.534	ug/l #	73
12) 1,1-Dichloroethene	3.11	96	127247	18.179	ug/l	96
13) Acrolein	3.02	56	15005	99.304	ug/l	97
14) Allyl chloride	3.60	41	197592	18.359	ug/l	96
15) Acrylonitrile	4.19	53	96020	89.953	ug/l	94
16) Acetone	3.22	43	188286	89.976	ug/l	97
17) Carbon Disulfide	3.36	76	340057	16.486	ug/l	98
18) Methyl Acetate	3.63	43	63121	18.354	ug/l	100
19) Methyl tert-butyl Ether	4.23	73	295574	17.313	ug/l	100
20) Methylene Chloride	3.80	84	130715	16.234	ug/l #	87
21) trans-1,2-Dichloroethene	4.21	96	136460	17.772	ug/l	87
22) Diisopropyl ether	5.11	45	405549	18.147	ug/l #	95
23) Vinyl Acetate	5.04	43	1270291	91.623	ug/l	99
24) 1,1-Dichloroethane	4.97	63	245808	17.098	ug/l	97
25) 2-Butanone	6.07	43	179801	88.072	ug/l	99
26) 2,2-Dichloropropane	6.02	77	297836	17.975	ug/l	99
27) cis-1,2-Dichloroethene	6.03	96	151108	18.154	ug/l	94
28) Bromochloromethane	6.43	49	97062	17.661	ug/l	95
29) Tetrahydrofuran	6.45	42	79683	86.672	ug/l	98
30) Chloroform	6.66	83	313914	17.018	ug/l	98
31) Cyclohexane	6.93	56	165311	18.330	ug/l	89
32) 1,1,1-Trichloroethane	6.86	97	330225	17.992	ug/l	96
36) 1,1-Dichloropropene	7.13	75	203813	18.319	ug/l	96
37) Ethyl Acetate	6.17	43	93755	20.490	ug/l #	93
38) Carbon Tetrachloride	7.10	117	337658	19.201	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	8.85	83	173632	19.312	ug/l	93
40) Benzene	7.44	78	406525	18.710	ug/l	92
41) Methacrylonitrile	6.45	41	118595	20.363	ug/l #	84
42) 1,2-Dichloroethane	7.56	62	231909	17.907	ug/l	96
43) Isopropyl Acetate	9.24	43	115549	19.683	ug/l #	100
44) Trichloroethene	8.53	130	170203	19.295	ug/l	94
45) 1,2-Dichloropropane	8.93	63	101119	19.375	ug/l	91
46) Dibromomethane	9.05	93	92197	19.902	ug/l	94
47) Bromodichloromethane	9.36	83	243238	19.302	ug/l	94
48) Methyl methacrylate	9.11	41	75473	17.796	ug/l #	85
49) 1,4-Dioxane	9.07	88	14366	408.158	ug/l #	80
51) 4-Methyl-2-Pentanone	10.29	43	398965	97.126	ug/l	97
52) Toluene	10.50	92	274624	18.803	ug/l	96
53) t-1,3-Dichloropropene	10.90	75	204720	19.814	ug/l	98
54) cis-1,3-Dichloropropene	10.03	75	208160	19.493	ug/l	99
55) 1,1,2-Trichloroethane	11.18	97	102422	20.449	ug/l	99
56) Ethyl methacrylate	11.03	69	106679	20.224	ug/l	96
57) 1,3-Dichloropropane	11.40	76	148948	19.187	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.85	63	275105	102.766	ug/l	95
59) 2-Hexanone	11.53	43	305604	100.016	ug/l	96
60) Dibromochloromethane	11.68	129	187027	18.916	ug/l	95
61) 1,2-Dibromoethane	11.80	107	118124	19.705	ug/l	97
64) Tetrachloroethene	11.24	164	153489	19.337	ug/l	99
65) Chlorobenzene	12.39	112	357743	19.074	ug/l	94
66) 1,1,1,2-Tetrachloroethane	12.50	131	172147	19.245	ug/l	92
67) Ethyl Benzene	12.51	91	647725	19.478	ug/l	100
68) m/p-Xylenes	12.66	106	426052	36.444	ug/l	96
69) o-Xylene	13.05	106	209235	19.488	ug/l	92
70) Styrene	13.07	104	384738	20.083	ug/l	97
71) Bromoform	13.23	173	129178	20.590	ug/l #	98
73) Isopropylbenzene	13.40	105	593493	17.636	ug/l	98
74) N-amyl acetate	13.26	43	170183	18.712	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.70	83	109294	18.980	ug/l	94
76) 1,2,3-Trichloropropane	13.72	75	123722	19.111	ug/l	97
77) Bromobenzene	13.67	156	186101	19.348	ug/l	97
78) n-propylbenzene	13.76	91	797885	19.369	ug/l	99
79) 2-Chlorotoluene	13.83	91	445651	18.477	ug/l	98
80) 1,3,5-Trimethylbenzene	13.93	105	576023	19.367	ug/l	96
81) trans-1,4-Dichloro-2-buten	13.47	75	32129	19.326	ug/l #	92
82) 4-Chlorotoluene	13.94	91	570365	19.774	ug/l	96
83) tert-Butylbenzene	14.19	119	625128	19.056	ug/l	99
84) 1,2,4-Trimethylbenzene	14.23	105	600538	20.393	ug/l	93
85) sec-Butylbenzene	14.36	105	662248	19.252	ug/l	100
86) p-Isopropyltoluene	14.48	119	663130	19.800	ug/l	98
87) 1,3-Dichlorobenzene	14.45	146	334284	19.184	ug/l	96
88) 1,4-Dichlorobenzene	14.53	146	316079	19.194	ug/l	96
89) n-Butylbenzene	14.80	91	575683	19.107	ug/l	97
90) Hexachloroethane	15.00	117	162857	18.419	ug/l	94
91) 1,2-Dichlorobenzene	14.81	146	282138	19.478	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.38	75	21794	17.719	ug/l #	26

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	217162	19.980	ug/l	96
94) Hexachlorobutadiene	16.03	225	153096	17.902	ug/l	99
95) Naphthalene	16.12	128	289894	19.028	ug/l	98
96) 1,2,3-Trichlorobenzene	16.26	180	165536	19.841	ug/l	98

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

