

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041119\
 Data File : VD061740.D
 Acq On : 11 Apr 2019 14:53
 Operator : VA/AP
 Sample : VD0411SBSD01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0411SBSD01

Quant Time: Apr 12 01:00:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	650001	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1052331	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	830188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	398235	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	248235	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
35) Dibromofluoromethane	6.92	113	347740	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
50) Toluene-d8	10.41	98	815370	44.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.04%	
62) 4-Bromofluorobenzene	13.55	95	317749	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.59	85	129827	18.514	ug/l	99
3) Chloromethane	1.77	50	120185	21.209	ug/l	95
4) Vinyl Chloride	1.85	62	109873	20.750	ug/l	96
5) Bromomethane	2.16	94	21373	17.439	ug/l	90
6) Chloroethane	2.26	64	28538	17.207	ug/l	97
7) Trichlorofluoromethane	2.53	101	177381	22.186	ug/l	96
8) Diethyl Ether	2.88	74	44952	20.034	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.15	101	155645	19.801	ug/l	98
10) Methyl Iodide	3.31	142	204952	19.861	ug/l	98
11) Tert butyl alcohol	4.06	59	34222	103.640	ug/l	98
12) 1,1-Dichloroethene	3.13	96	130940	19.324	ug/l	96
13) Acrolein	3.04	56	28963	71.943	ug/l	95
14) Allyl chloride	3.62	41	185862	20.110	ug/l	99
15) Acrylonitrile	4.20	53	111123	97.763	ug/l	98
16) Acetone	3.22	43	138364	93.944	ug/l	97
17) Carbon Disulfide	3.38	76	410019	18.622	ug/l	99
18) Methyl Acetate	3.65	43	57697	20.821	ug/l	96
19) Methyl tert-butyl Ether	4.24	73	236963	20.196	ug/l	99
20) Methylene Chloride	3.82	84	181383	21.703	ug/l	97
21) trans-1,2-Dichloroethene	4.22	96	147123	19.990	ug/l	94
22) Diisopropyl ether	5.12	45	383687	19.801	ug/l	98
23) Vinyl Acetate	5.05	43	1073357	100.390	ug/l	99
24) 1,1-Dichloroethane	4.98	63	241843	20.367	ug/l	99
25) 2-Butanone	6.06	43	168491	99.233	ug/l	94
26) 2,2-Dichloropropane	6.02	77	198070	20.486	ug/l	98
27) cis-1,2-Dichloroethene	6.04	96	156294	19.906	ug/l	96
28) Bromochloromethane	6.43	49	81882	18.694	ug/l	98
29) Tetrahydrofuran	6.45	42	76550	93.394	ug/l	98
30) Chloroform	6.66	83	254799	20.484	ug/l	98
31) Cyclohexane	6.95	56	174171	18.776	ug/l	97
32) 1,1,1-Trichloroethane	6.86	97	216747	19.884	ug/l	99
36) 1,1-Dichloropropene	7.14	75	183357	19.909	ug/l	98
37) Ethyl Acetate	6.17	43	81599	21.752	ug/l	99
38) Carbon Tetrachloride	7.11	117	229009	21.217	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	185527	19.621	ug/l	98
40) Benzene	7.45	78	493359	22.205	ug/l	100
41) Methacrylonitrile	6.43	41	88967	20.316	ug/l #	93
42) 1,2-Dichloroethane	7.57	62	159917	22.886	ug/l	98
43) Isopropyl Acetate	9.23	43	114803	21.087	ug/l #	98
44) Trichloroethene	8.54	130	182091	21.377	ug/l	93
45) 1,2-Dichloropropane	8.93	63	116995	21.233	ug/l	100
46) Dibromomethane	9.06	93	85890	21.810	ug/l	95
47) Bromodichloromethane	9.36	83	196190	22.683	ug/l	99
48) Methyl methacrylate	9.11	41	68435	21.807	ug/l	96
49) 1,4-Dioxane	9.08	88	15112	436.264	ug/l #	86
51) 4-Methyl-2-Pentanone	10.29	43	336877	104.630	ug/l	95
52) Toluene	10.50	92	301150	21.706	ug/l	99
53) t-1,3-Dichloropropene	10.91	75	163189	21.524	ug/l	97
54) cis-1,3-Dichloropropene	10.03	75	202814	21.701	ug/l	99
55) 1,1,2-Trichloroethane	11.18	97	94833	20.266	ug/l	98
56) Ethyl methacrylate	11.04	69	109855	22.254	ug/l	96
57) 1,3-Dichloropropane	11.40	76	157210	22.941	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.85	63	243285	104.449	ug/l	99
59) 2-Hexanone	11.52	43	266182	106.527	ug/l	100
60) Dibromochloromethane	11.68	129	159007	21.508	ug/l	99
61) 1,2-Dibromoethane	11.80	107	116933	21.368	ug/l	100
64) Tetrachloroethene	11.26	164	144325	22.396	ug/l	92
65) Chlorobenzene	12.40	112	364504	22.140	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.51	131	151877	23.973	ug/l	99
67) Ethyl Benzene	12.52	91	618435	24.668	ug/l	98
68) m/p-Xylenes	12.66	106	442659	45.799	ug/l	96
69) o-Xylene	13.05	106	183802	19.700	ug/l	100
70) Styrene	13.07	104	346963	21.776	ug/l	100
71) Bromoform	13.23	173	94145	23.951	ug/l	100
73) Isopropylbenzene	13.40	105	623753	23.507	ug/l	98
74) N-amyl acetate	13.26	43	156619	21.724	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.70	83	112703	20.542	ug/l	97
76) 1,2,3-Trichloropropane	13.73	75	114806	21.190	ug/l	99
77) Bromobenzene	13.67	156	165446	21.481	ug/l	84
78) n-propylbenzene	13.77	91	677616	21.348	ug/l	100
79) 2-Chlorotoluene	13.83	91	401056	22.095	ug/l	94
80) 1,3,5-Trimethylbenzene	13.92	105	488887	23.213	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.47	75	34126	20.756	ug/l	89
82) 4-Chlorotoluene	13.94	91	444805	22.364	ug/l	96
83) tert-Butylbenzene	14.19	119	536480	21.127	ug/l	94
84) 1,2,4-Trimethylbenzene	14.24	105	469848	22.104	ug/l	98
85) sec-Butylbenzene	14.37	105	637931	23.252	ug/l	96
86) p-Isopropyltoluene	14.48	119	517350	21.737	ug/l	99
87) 1,3-Dichlorobenzene	14.45	146	283602	21.395	ug/l	96
88) 1,4-Dichlorobenzene	14.53	146	280192	20.950	ug/l	99
89) n-Butylbenzene	14.79	91	461954	22.331	ug/l	98
90) Hexachloroethane	15.01	117	151536	23.465	ug/l	71
91) 1,2-Dichlorobenzene	14.80	146	242861	22.230	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.38	75	13677	20.657	ug/l	62

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	104130	18.709	ug/l	99
94) Hexachlorobutadiene	16.03	225	87087	20.263	ug/l	99
95) Naphthalene	16.12	128	179598	20.393	ug/l	98
96) 1,2,3-Trichlorobenzene	16.27	180	48765	17.555	ug/l	97

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

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