

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041119\
 Data File : VD061738.D
 Acq On : 11 Apr 2019 13:57
 Operator : VA/AP
 Sample : VD0411SBSD01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0411SBSD01

Quant Time: Apr 12 00:58:55 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	638207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1007826	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	940384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	422814	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	223566	46.21	ug/l	0.00
Spiked Amount			Recovery	=	92.42%	
35) Dibromofluoromethane	6.92	113	339997	48.70	ug/l	0.00
Spiked Amount			Recovery	=	97.40%	
50) Toluene-d8	10.39	98	742079	42.30	ug/l	0.00
Spiked Amount			Recovery	=	84.60%	
62) 4-Bromofluorobenzene	13.54	95	325221	53.53	ug/l	0.00
Spiked Amount			Recovery	=	107.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	112835	16.388	ug/l	100
3) Chloromethane	1.76	50	93449	16.795	ug/l	95
4) Vinyl Chloride	1.86	62	92746	17.839	ug/l	96
5) Bromomethane	2.15	94	18595	15.452	ug/l	97
6) Chloroethane	2.26	64	28303	17.381	ug/l	91
7) Trichlorofluoromethane	2.53	101	143116	18.231	ug/l	100
8) Diethyl Ether	2.87	74	38220	17.348	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.15	101	125547	16.267	ug/l	97
10) Methyl Iodide	3.31	142	170305	17.370	ug/l	99
11) Tert butyl alcohol	4.06	59	27364	84.402	ug/l #	90
12) 1,1-Dichloroethene	3.13	96	106883	16.065	ug/l	98
13) Acrolein	3.04	56	29483	74.588	ug/l	90
14) Allyl chloride	3.62	41	157193	17.323	ug/l	98
15) Acrylonitrile	4.19	53	89086	79.824	ug/l	97
16) Acetone	3.22	43	106272	73.488	ug/l	96
17) Carbon Disulfide	3.38	76	340402	15.746	ug/l	98
18) Methyl Acetate	3.64	43	48755	17.920	ug/l	97
19) Methyl tert-butyl Ether	4.23	73	212500	18.446	ug/l	97
20) Methylene Chloride	3.81	84	162403	19.791	ug/l	98
21) trans-1,2-Dichloroethene	4.22	96	130741	18.093	ug/l	87
22) Diisopropyl ether	5.11	45	322743	16.964	ug/l	93
23) Vinyl Acetate	5.05	43	847063	80.689	ug/l	100
24) 1,1-Dichloroethane	4.98	63	194577	16.690	ug/l	99
25) 2-Butanone	6.06	43	135833	81.478	ug/l	98
26) 2,2-Dichloropropane	6.02	77	173178	18.242	ug/l	95
27) cis-1,2-Dichloroethene	6.03	96	137393	17.822	ug/l	96
28) Bromochloromethane	6.43	49	80357	18.685	ug/l	92
29) Tetrahydrofuran	6.46	42	66292	82.373	ug/l	100
30) Chloroform	6.65	83	224757	18.402	ug/l	99
31) Cyclohexane	6.95	56	145729	16.000	ug/l	98
32) 1,1,1-Trichloroethane	6.86	97	197273	18.432	ug/l	98
36) 1,1-Dichloropropene	7.14	75	169964	19.270	ug/l	96
37) Ethyl Acetate	6.17	43	64143	17.854	ug/l #	94
38) Carbon Tetrachloride	7.11	117	203601	19.696	ug/l	99

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39) Methylcyclohexane	8.86	83	147247	16.261	ug/l	99
40) Benzene	7.45	78	387868	18.228	ug/l	99
41) Methacrylonitrile	6.44	41	75745	18.061	ug/l	97
42) 1,2-Dichloroethane	7.57	62	128345	19.179	ug/l	100
43) Isopropyl Acetate	9.23	43	90137	17.287	ug/l #	97
44) Trichloroethene	8.53	130	147476	18.078	ug/l	95
45) 1,2-Dichloropropane	8.93	63	99569	18.868	ug/l	94
46) Dibromomethane	9.06	93	67779	17.971	ug/l	92
47) Bromodichloromethane	9.37	83	157655	19.033	ug/l	95
48) Methyl methacrylate	9.11	41	51441	17.116	ug/l	96
49) 1,4-Dioxane	9.08	88	11734	353.704	ug/l	93
51) 4-Methyl-2-Pentanone	10.29	43	291196	94.436	ug/l	99
52) Toluene	10.50	92	240514	18.101	ug/l	98
53) t-1,3-Dichloropropene	10.91	75	145366	20.020	ug/l	99
54) cis-1,3-Dichloropropene	10.03	75	159721	17.844	ug/l	92
55) 1,1,2-Trichloroethane	11.18	97	78223	17.455	ug/l	94
56) Ethyl methacrylate	11.03	69	87399	18.487	ug/l	98
57) 1,3-Dichloropropane	11.40	76	128728	19.614	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.85	63	257424	115.400	ug/l	98
59) 2-Hexanone	11.52	43	216768	90.582	ug/l	98
60) Dibromochloromethane	11.67	129	128119	18.095	ug/l	97
61) 1,2-Dibromoethane	11.80	107	98487	18.792	ug/l	96
64) Tetrachloroethene	11.25	164	112243	15.377	ug/l	97
65) Chlorobenzene	12.39	112	333137	17.864	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.50	131	130361	18.166	ug/l	98
67) Ethyl Benzene	12.52	91	526268	18.532	ug/l	100
68) m/p-Xylenes	12.66	106	378807	34.600	ug/l	92
69) o-Xylene	13.04	106	180084	17.040	ug/l	98
70) Styrene	13.06	104	307117	17.016	ug/l	99
71) Bromoform	13.23	173	70423	15.816	ug/l	95
73) Isopropylbenzene	13.40	105	448961	15.936	ug/l	98
74) N-amyl acetate	13.26	43	122574	16.013	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.69	83	95131	16.331	ug/l	99
76) 1,2,3-Trichloropropane	13.72	75	93026	16.172	ug/l	96
77) Bromobenzene	13.66	156	138012	16.877	ug/l	90
78) n-propylbenzene	13.77	91	599983	17.804	ug/l	97
79) 2-Chlorotoluene	13.83	91	349626	18.142	ug/l	90
80) 1,3,5-Trimethylbenzene	13.93	105	412456	18.445	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.47	75	27760	15.903	ug/l #	84
82) 4-Chlorotoluene	13.94	91	388679	18.406	ug/l	94
83) tert-Butylbenzene	14.18	119	443120	16.436	ug/l	99
84) 1,2,4-Trimethylbenzene	14.23	105	406718	18.022	ug/l	99
85) sec-Butylbenzene	14.36	105	482587	16.567	ug/l	100
86) p-Isopropyltoluene	14.48	119	456137	18.051	ug/l	97
87) 1,3-Dichlorobenzene	14.45	146	244604	17.381	ug/l	96
88) 1,4-Dichlorobenzene	14.53	146	234813	16.536	ug/l	96
89) n-Butylbenzene	14.80	91	421612	19.196	ug/l	96
90) Hexachloroethane	15.00	117	122754	17.903	ug/l	89
91) 1,2-Dichlorobenzene	14.80	146	209427	18.056	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.38	75	10898	15.503	ug/l	78

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	93588	15.837	ug/l	97
94) Hexachlorobutadiene	16.04	225	68674	15.050	ug/l	98
95) Naphthalene	16.11	128	157039	16.795	ug/l	98
96) 1,2,3-Trichlorobenzene	16.26	180	51157	17.346	ug/l	97

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

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