

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041219\
 Data File : VD061773.D
 Acq On : 12 Apr 2019 12:49
 Operator : VA/AP
 Sample : VD0412SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0412SBS01

Quant Time: Apr 12 13:13:13 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	653031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1057221	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	825602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	389306	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	234033	47.28	ug/l	-0.02
Spiked Amount			Recovery	=	94.56%	
35) Dibromofluoromethane	6.91	113	342915	46.82	ug/l	0.00
Spiked Amount			Recovery	=	93.64%	
50) Toluene-d8	10.40	98	811409	44.10	ug/l	0.00
Spiked Amount			Recovery	=	88.20%	
62) 4-Bromofluorobenzene	13.55	95	338931	53.08	ug/l	0.00
Spiked Amount			Recovery	=	106.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	122578	17.399	ug/l	99
3) Chloromethane	1.76	50	112242	19.715	ug/l	92
4) Vinyl Chloride	1.85	62	113116	21.263	ug/l	97
5) Bromomethane	2.15	94	21411	17.389	ug/l	98
6) Chloroethane	2.26	64	33697	20.223	ug/l	96
7) Trichlorofluoromethane	2.52	101	155663	19.380	ug/l	97
8) Diethyl Ether	2.87	74	45143	20.026	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.14	101	158461	20.066	ug/l	97
10) Methyl Iodide	3.30	142	192707	18.822	ug/l	94
11) Tert butyl alcohol	4.06	59	32020	96.522	ug/l #	92
12) 1,1-Dichloroethene	3.12	96	132446	19.455	ug/l	94
13) Acrolein	3.04	56	26203	64.785	ug/l	87
14) Allyl chloride	3.62	41	173997	18.739	ug/l	98
15) Acrylonitrile	4.19	53	109903	96.241	ug/l	96
16) Acetone	3.22	43	137427	92.875	ug/l	96
17) Carbon Disulfide	3.37	76	414061	18.718	ug/l	99
18) Methyl Acetate	3.64	43	53875	19.352	ug/l	97
19) Methyl tert-butyl Ether	4.23	73	237626	20.159	ug/l	99
20) Methylene Chloride	3.81	84	177509	21.140	ug/l	98
21) trans-1,2-Dichloroethene	4.22	96	146697	19.840	ug/l	95
22) Diisopropyl ether	5.11	45	382564	19.651	ug/l	99
23) Vinyl Acetate	5.04	43	1040260	96.843	ug/l	100
24) 1,1-Dichloroethane	4.97	63	216250	18.127	ug/l	98
25) 2-Butanone	6.07	43	154139	90.359	ug/l	98
26) 2,2-Dichloropropane	6.02	77	188444	19.400	ug/l	100
27) cis-1,2-Dichloroethene	6.03	96	147453	18.693	ug/l	98
28) Bromochloromethane	6.43	49	82614	18.773	ug/l	98
29) Tetrahydrofuran	6.44	42	80341	97.564	ug/l	98
30) Chloroform	6.66	83	253633	20.295	ug/l	99
31) Cyclohexane	6.95	56	183688	19.710	ug/l	96
32) 1,1,1-Trichloroethane	6.85	97	219620	20.054	ug/l	97
36) 1,1-Dichloropropene	7.14	75	201151	21.740	ug/l	99
37) Ethyl Acetate	6.17	43	79067	20.980	ug/l	94
38) Carbon Tetrachloride	7.10	117	241958	22.313	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	201199	21.180	ug/l	98
40) Benzene	7.45	78	451910	20.245	ug/l	99
41) Methacrylonitrile	6.44	41	90433	20.555	ug/l #	91
42) 1,2-Dichloroethane	7.56	62	153957	21.931	ug/l	99
43) Isopropyl Acetate	9.23	43	114767	20.983	ug/l #	98
44) Trichloroethene	8.54	130	170185	19.887	ug/l	97
45) 1,2-Dichloropropane	8.93	63	117877	21.294	ug/l	94
46) Dibromomethane	9.06	93	81286	20.546	ug/l	98
47) Bromodichloromethane	9.37	83	186240	21.433	ug/l	98
48) Methyl methacrylate	9.12	41	60822	19.291	ug/l	93
49) 1,4-Dioxane	9.08	88	14212	408.384	ug/l #	94
51) 4-Methyl-2-Pentanone	10.29	43	341853	105.685	ug/l	99
52) Toluene	10.51	92	288750	20.716	ug/l	96
53) t-1,3-Dichloropropene	10.91	75	173693	22.804	ug/l	97
54) cis-1,3-Dichloropropene	10.03	75	207049	22.051	ug/l	98
55) 1,1,2-Trichloroethane	11.19	97	100030	21.278	ug/l	99
56) Ethyl methacrylate	11.04	69	110088	22.198	ug/l	99
57) 1,3-Dichloropropane	11.40	76	141658	20.576	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.85	63	276893	118.328	ug/l	99
59) 2-Hexanone	11.53	43	260527	103.781	ug/l	96
60) Dibromochloromethane	11.68	129	158798	21.380	ug/l	100
61) 1,2-Dibromoethane	11.80	107	117110	21.301	ug/l	99
64) Tetrachloroethene	11.26	164	138557	21.620	ug/l	98
65) Chlorobenzene	12.40	112	370940	22.656	ug/l	97
66) 1,1,1,2-Tetrachloroethane	12.52	131	145801	23.142	ug/l	99
67) Ethyl Benzene	12.52	91	607041	24.348	ug/l	98
68) m/p-Xylenes	12.66	106	449487	46.764	ug/l	100
69) o-Xylene	13.05	106	220525	23.768	ug/l	96
70) Styrene	13.07	104	356365	22.490	ug/l	98
71) Bromoform	13.23	173	83133	21.267	ug/l #	98
73) Isopropylbenzene	13.40	105	528584	20.377	ug/l	97
74) N-amyl acetate	13.26	43	143570	20.370	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.70	83	111644	20.815	ug/l	99
76) 1,2,3-Trichloropropane	13.74	75	111824	21.113	ug/l	100
77) Bromobenzene	13.67	156	162095	21.528	ug/l	89
78) n-propylbenzene	13.78	91	688480	22.188	ug/l	96
79) 2-Chlorotoluene	13.83	91	387465	21.836	ug/l	92
80) 1,3,5-Trimethylbenzene	13.93	105	480014	23.314	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.47	75	31536	19.621	ug/l	97
82) 4-Chlorotoluene	13.94	91	471169	24.232	ug/l	90
83) tert-Butylbenzene	14.19	119	499126	20.107	ug/l	97
84) 1,2,4-Trimethylbenzene	14.24	105	450559	21.683	ug/l	98
85) sec-Butylbenzene	14.37	105	584900	21.808	ug/l	100
86) p-Isopropyltoluene	14.49	119	519755	22.339	ug/l	97
87) 1,3-Dichlorobenzene	14.45	146	283902	21.909	ug/l	98
88) 1,4-Dichlorobenzene	14.53	146	278520	21.302	ug/l	97
89) n-Butylbenzene	14.80	91	406354	20.093	ug/l	99
90) Hexachloroethane	15.01	117	132372	20.968	ug/l	90
91) 1,2-Dichlorobenzene	14.81	146	199866	18.714	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	15.38	75	13666	21.114	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	113235	20.811	ug/l	97
94) Hexachlorobutadiene	16.04	225	84535	20.121	ug/l	98
95) Naphthalene	16.12	128	180498	20.965	ug/l	100
96) 1,2,3-Trichlorobenzene	16.27	180	63766	23.482	ug/l	96

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

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