

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080519\
 Data File : VD063378.D
 Acq On : 5 Aug 2019 14:06
 Operator : VA/AP
 Sample : VD0805SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0805SBS01

Quant Time: Aug 06 07:49:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	1094694	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1437658	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	1231516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	642703	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	607887	50.05	ug/l	0.01
Spiked Amount			Recovery	=	100.10%	
35) Dibromofluoromethane	6.92	113	684507	55.77	ug/l	0.01
Spiked Amount			Recovery	=	111.54%	
50) Toluene-d8	10.40	98	1536039	55.92	ug/l	0.00
Spiked Amount			Recovery	=	111.84%	
62) 4-Bromofluorobenzene	13.55	95	644657	51.50	ug/l	0.00
Spiked Amount			Recovery	=	103.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.56	85	275418	20.583	ug/l	98
3) Chloromethane	1.74	50	226101	21.748	ug/l	92
4) Vinyl Chloride	1.84	62	223311	20.749	ug/l	100
5) Bromomethane	2.14	94	90844	16.736	ug/l #	93
6) Chloroethane	2.25	64	94260	18.970	ug/l	99
7) Trichlorofluoromethane	2.52	101	412979	19.779	ug/l	96
8) Diethyl Ether	2.86	74	61650	21.098	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.14	101	247301	21.382	ug/l	91
10) Methyl Iodide	3.30	142	304188	18.206	ug/l	94
11) Tert butyl alcohol	4.08	59	49782	93.390	ug/l #	93
12) 1,1-Dichloroethene	3.12	96	180484	21.256	ug/l	80
13) Acrolein	3.03	56	38852	75.733	ug/l	95
14) Allyl chloride	3.61	41	281989	20.848	ug/l	97
15) Acrylonitrile	4.19	53	146979	106.353	ug/l	87
16) Acetone	3.22	43	234403	99.044	ug/l	98
17) Carbon Disulfide	3.37	76	565909	19.913	ug/l	98
18) Methyl Acetate	3.64	43	108470	23.861	ug/l	98
19) Methyl tert-butyl Ether	4.23	73	407767	21.260	ug/l	92
20) Methylene Chloride	3.81	84	210986	22.055	ug/l	94
21) trans-1,2-Dichloroethene	4.21	96	198939	20.881	ug/l	94
22) Diisopropyl ether	5.12	45	562983	20.833	ug/l #	96
23) Vinyl Acetate	5.05	43	1703644	102.557	ug/l	98
24) 1,1-Dichloroethane	4.98	63	366729	21.245	ug/l	94
25) 2-Butanone	6.07	43	237118	99.834	ug/l	94
26) 2,2-Dichloropropane	6.02	77	369101	20.749	ug/l	96
27) cis-1,2-Dichloroethene	6.03	96	213015	20.854	ug/l	95
28) Bromochloromethane	6.44	49	140580	20.440	ug/l #	98
29) Tetrahydrofuran	6.46	42	111256	98.938	ug/l	97
30) Chloroform	6.66	83	451537	21.078	ug/l	99
31) Cyclohexane	6.95	56	217911	20.140	ug/l	87
32) 1,1,1-Trichloroethane	6.87	97	447226	21.584	ug/l	99
36) 1,1-Dichloropropene	7.15	75	312337	23.805	ug/l	98
37) Ethyl Acetate	6.18	43	127615	21.650	ug/l #	93
38) Carbon Tetrachloride	7.11	117	436047	22.076	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	235219	21.517	ug/l	94
40) Benzene	7.45	78	614191	22.336	ug/l	98
41) Methacrylonitrile	6.46	41	150034	21.278	ug/l #	95
42) 1,2-Dichloroethane	7.58	62	302498	20.757	ug/l	97
43) Isopropyl Acetate	9.24	43	160289	21.288	ug/l #	97
44) Trichloroethene	8.54	130	242631	21.775	ug/l	97
45) 1,2-Dichloropropane	8.94	63	148469	21.242	ug/l	97
46) Dibromomethane	9.07	93	132375	22.778	ug/l	86
47) Bromodichloromethane	9.37	83	309811	20.913	ug/l	96
48) Methyl methacrylate	9.12	41	109568	22.437	ug/l	92
49) 1,4-Dioxane	9.07	88	20263	487.715	ug/l #	73
51) 4-Methyl-2-Pentanone	10.30	43	567962	110.914	ug/l	98
52) Toluene	10.51	92	383255	20.955	ug/l	98
53) t-1,3-Dichloropropene	10.92	75	276753	21.669	ug/l	99
54) cis-1,3-Dichloropropene	10.04	75	302027	22.501	ug/l	98
55) 1,1,2-Trichloroethane	11.19	97	143031	23.156	ug/l	93
56) Ethyl methacrylate	11.04	69	149350	22.081	ug/l	96
57) 1,3-Dichloropropane	11.41	76	210263	21.605	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.85	63	359523	102.153	ug/l	95
59) 2-Hexanone	11.54	43	395868	107.275	ug/l	98
60) Dibromochloromethane	11.68	129	257845	22.112	ug/l	99
61) 1,2-Dibromoethane	11.80	107	163230	21.416	ug/l	88
64) Tetrachloroethene	11.26	164	213557	21.767	ug/l	98
65) Chlorobenzene	12.40	112	537352	22.685	ug/l	96
66) 1,1,1,2-Tetrachloroethane	12.51	131	236620	22.677	ug/l	98
67) Ethyl Benzene	12.52	91	909871	22.611	ug/l	99
68) m/p-Xylenes	12.67	106	634606	43.003	ug/l	99
69) o-Xylene	13.05	106	287581	21.221	ug/l	93
70) Styrene	13.07	104	535254	22.272	ug/l	99
71) Bromoform	13.23	173	155242	20.459	ug/l	97
73) Isopropylbenzene	13.40	105	854693	21.188	ug/l	100
74) N-amyl acetate	13.26	43	231077	21.669	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.70	83	140598	20.519	ug/l	96
76) 1,2,3-Trichloropropane	13.73	75	167595	21.710	ug/l	99
77) Bromobenzene	13.67	156	237928	20.705	ug/l	88
78) n-propylbenzene	13.77	91	1076943	22.435	ug/l	97
79) 2-Chlorotoluene	13.84	91	642950	23.116	ug/l	98
80) 1,3,5-Trimethylbenzene	13.93	105	742430	21.340	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.48	75	44379	20.703	ug/l	95
82) 4-Chlorotoluene	13.95	91	730078	22.303	ug/l	99
83) tert-Butylbenzene	14.18	119	844142	21.250	ug/l	97
84) 1,2,4-Trimethylbenzene	14.23	105	733526	20.384	ug/l	97
85) sec-Butylbenzene	14.36	105	933175	22.296	ug/l	100
86) p-Isopropyltoluene	14.49	119	846731	21.196	ug/l	98
87) 1,3-Dichlorobenzene	14.46	146	435678	21.409	ug/l	96
88) 1,4-Dichlorobenzene	14.54	146	454052	22.065	ug/l	93
89) n-Butylbenzene	14.79	91	780392	22.619	ug/l	97
90) Hexachloroethane	15.01	117	216017	20.756	ug/l	66
91) 1,2-Dichlorobenzene	14.80	146	397483	22.418	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	15.39	75	28361	20.320	ug/l	73

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	304333	21.637	ug/l	98
94) Hexachlorobutadiene	16.03	225	214827	21.076	ug/l	99
95) Naphthalene	16.12	128	429305	21.594	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	238086	21.427	ug/l	99

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

