

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081219\
 Data File : VD063505.D
 Acq On : 13 Aug 2019 1:03
 Operator : JC/SY
 Sample : VD0812SBSD02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0812SBSD02

Quant Time: Aug 13 01:28:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	975145	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	1394808	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	1230814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	651907	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	593626	56.95	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	113.90%	
35) Dibromofluoromethane	6.92	113	660606	56.24	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	112.48%	
50) Toluene-d8	10.40	98	1475946	57.15	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	114.30%	
62) 4-Bromofluorobenzene	13.55	95	620280	52.99	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	241534	20.473	ug/l	95
3) Chloromethane	1.74	50	193480	20.991	ug/l	99
4) Vinyl Chloride	1.85	62	196737	21.500	ug/l	98
5) Bromomethane	2.14	94	86208	19.967	ug/l	99
6) Chloroethane	2.25	64	72901	17.422	ug/l #	84
7) Trichlorofluoromethane	2.52	101	375122	20.900	ug/l	98
8) Diethyl Ether	2.87	74	54488	21.502	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	3.14	101	209760	19.792	ug/l	89
10) Methyl Iodide	3.30	142	290590	19.379	ug/l	99
11) Tert butyl alcohol	4.09	59	52425	115.535	ug/l	100
12) 1,1-Dichloroethene	3.12	96	156471	19.858	ug/l	90
13) Acrolein	3.03	56	42307	94.723	ug/l	97
14) Allyl chloride	3.61	41	239257	20.199	ug/l	96
15) Acrylonitrile	4.20	53	118373	98.488	ug/l	92
16) Acetone	3.23	43	196006	92.504	ug/l	94
17) Carbon Disulfide	3.36	76	490508	19.724	ug/l	99
18) Methyl Acetate	3.64	43	100113	24.944	ug/l #	91
19) Methyl tert-butyl Ether	4.24	73	333214	21.145	ug/l	96
20) Methylene Chloride	3.81	84	191318	20.881	ug/l	95
21) trans-1,2-Dichloroethene	4.21	96	165504	19.960	ug/l	96
22) Diisopropyl ether	5.13	45	520549	21.296	ug/l	96
23) Vinyl Acetate	5.06	43	1471818	103.576	ug/l	98
24) 1,1-Dichloroethane	4.98	63	316812	20.897	ug/l	96
25) 2-Butanone	6.07	43	215132	102.801	ug/l	96
26) 2,2-Dichloropropane	6.02	77	301389	19.959	ug/l	97
27) cis-1,2-Dichloroethene	6.03	96	193224	21.299	ug/l	94
28) Bromochloromethane	6.44	49	127948	20.824	ug/l	94
29) Tetrahydrofuran	6.46	42	103909	106.557	ug/l	97
30) Chloroform	6.66	83	400465	21.252	ug/l	100
31) Cyclohexane	6.95	56	182606	19.402	ug/l	97
32) 1,1,1-Trichloroethane	6.87	97	379330	21.044	ug/l	95
36) 1,1-Dichloropropene	7.14	75	254212	20.617	ug/l	92
37) Ethyl Acetate	6.18	43	112350	21.745	ug/l	96
38) Carbon Tetrachloride	7.11	117	386622	20.805	ug/l #	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	201666	19.234	ug/l	97
40) Benzene	7.45	78	546996	20.158	ug/l	98
41) Methacrylonitrile	6.45	41	136547	20.989	ug/l #	87
42) 1,2-Dichloroethane	7.58	62	287348	21.060	ug/l	98
43) Isopropyl Acetate	9.24	43	145146	20.975	ug/l #	94
44) Trichloroethene	8.54	130	211018	20.346	ug/l	94
45) 1,2-Dichloropropane	8.94	63	144029	22.793	ug/l	97
46) Dibromomethane	9.06	93	118192	21.902	ug/l	95
47) Bromodichloromethane	9.38	83	325352	23.504	ug/l	98
48) Methyl methacrylate	9.12	41	108646	23.151	ug/l	93
49) 1,4-Dioxane	9.08	88	18983	466.503	ug/l #	83
51) 4-Methyl-2-Pentanone	10.30	43	503765	106.388	ug/l	98
52) Toluene	10.51	92	364222	20.839	ug/l	99
53) t-1,3-Dichloropropene	10.92	75	255660	22.632	ug/l	98
54) cis-1,3-Dichloropropene	10.04	75	271882	21.344	ug/l	99
55) 1,1,2-Trichloroethane	11.19	97	130119	22.040	ug/l	94
56) Ethyl methacrylate	11.04	69	140388	21.908	ug/l	98
57) 1,3-Dichloropropane	11.41	76	198868	22.284	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.85	63	358851	106.076	ug/l	98
59) 2-Hexanone	11.54	43	364930	105.917	ug/l	95
60) Dibromochloromethane	11.68	129	247285	23.018	ug/l	99
61) 1,2-Dibromoethane	11.80	107	157512	22.039	ug/l	99
64) Tetrachloroethene	11.26	164	194639	20.485	ug/l	94
65) Chlorobenzene	12.40	112	463723	20.102	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.51	131	219453	21.616	ug/l	96
67) Ethyl Benzene	12.52	91	840876	20.964	ug/l	97
68) m/p-Xylenes	12.67	106	595517	42.259	ug/l	99
69) o-Xylene	13.05	106	257143	18.959	ug/l	96
70) Styrene	13.07	104	459643	19.052	ug/l	96
71) Bromoform	13.24	173	156284	22.450	ug/l	92
73) Isopropylbenzene	13.41	105	862282	20.795	ug/l	97
74) N-amyl acetate	13.27	43	199033	19.121	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.70	83	136345	19.811	ug/l	98
76) 1,2,3-Trichloropropane	13.73	75	151745	20.282	ug/l	95
77) Bromobenzene	13.67	156	239155	21.104	ug/l	89
78) n-propylbenzene	13.77	91	997716	20.565	ug/l	93
79) 2-Chlorotoluene	13.84	91	581211	20.778	ug/l	97
80) 1,3,5-Trimethylbenzene	13.94	105	713710	19.700	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.47	75	36965	18.382	ug/l	99
82) 4-Chlorotoluene	13.95	91	683543	20.321	ug/l	94
83) tert-Butylbenzene	14.19	119	801962	21.021	ug/l	96
84) 1,2,4-Trimethylbenzene	14.23	105	732592	21.854	ug/l	94
85) sec-Butylbenzene	14.37	105	858551	21.191	ug/l	98
86) p-Isopropyltoluene	14.49	119	781886	20.184	ug/l	97
87) 1,3-Dichlorobenzene	14.46	146	411449	20.072	ug/l	95
88) 1,4-Dichlorobenzene	14.54	146	409585	20.826	ug/l	95
89) n-Butylbenzene	14.79	91	721975	20.420	ug/l	90
90) Hexachloroethane	15.01	117	199253	20.464	ug/l	86
91) 1,2-Dichlorobenzene	14.80	146	374198	21.516	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.38	75	29390	22.679	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	271979	21.253	ug/l	98
94) Hexachlorobutadiene	16.03	225	186682	19.141	ug/l	94
95) Naphthalene	16.12	128	444838	22.937	ug/l	98
96) 1,2,3-Trichlorobenzene	16.27	180	221735	21.453	ug/l	99

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

