

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082019\
 Data File : VD063701.D
 Acq On : 21 Aug 2019 00:37
 Operator : JC/SY
 Sample : VD0820SBS02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0820SBS02

Quant Time: Aug 21 03:54:47 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	7.04	168	849941	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	1300849	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	1090936	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	572752	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	486081	53.50	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	107.00%	
35) Dibromofluoromethane	6.91	113	548911	50.10	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	100.20%	
50) Toluene-d8	10.40	98	1203463	49.96	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	99.92%	
62) 4-Bromofluorobenzene	13.55	95	520528	47.68	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	95.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.56	85	211991	20.616	ug/l	97
3) Chloromethane	1.74	50	184000	22.903	ug/l	91
4) Vinyl Chloride	1.84	62	171772	21.537	ug/l	92
5) Bromomethane	2.13	94	76882	20.430	ug/l	89
6) Chloroethane	2.25	64	77134	21.149	ug/l	96
7) Trichlorofluoromethane	2.51	101	354868	22.684	ug/l	92
8) Diethyl Ether	2.86	74	51091	23.131	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.13	101	191346	20.714	ug/l #	86
10) Methyl Iodide	3.28	142	264232	20.217	ug/l #	97
11) Tert butyl alcohol	4.07	59	50196	126.919	ug/l	96
12) 1,1-Dichloroethene	3.11	96	146078	21.270	ug/l	84
13) Acrolein	3.02	56	27065	69.523	ug/l	97
14) Allyl chloride	3.60	41	229988	22.276	ug/l	95
15) Acrylonitrile	4.18	53	119473	114.047	ug/l	93
16) Acetone	3.22	43	175344	94.942	ug/l	95
17) Carbon Disulfide	3.35	76	447657	20.653	ug/l	100
18) Methyl Acetate	3.63	43	95888	27.411	ug/l	96
19) Methyl tert-butyl Ether	4.22	73	322257	23.462	ug/l	100
20) Methylene Chloride	3.80	84	181296	22.702	ug/l	94
21) trans-1,2-Dichloroethene	4.20	96	165878	22.952	ug/l	100
22) Diisopropyl ether	5.12	45	500552	23.495	ug/l #	92
23) Vinyl Acetate	5.04	43	1385038	111.827	ug/l	99
24) 1,1-Dichloroethane	4.97	63	306738	23.213	ug/l	99
25) 2-Butanone	6.07	43	193525	106.099	ug/l	96
26) 2,2-Dichloropropane	6.00	77	269782	20.498	ug/l	98
27) cis-1,2-Dichloroethene	6.02	96	182313	23.057	ug/l	92
28) Bromochloromethane	6.42	49	113882	21.265	ug/l	99
29) Tetrahydrofuran	6.45	42	98878	116.335	ug/l	100
30) Chloroform	6.65	83	396973	24.169	ug/l	97
31) Cyclohexane	6.94	56	166470	20.293	ug/l	96
32) 1,1,1-Trichloroethane	6.86	97	361642	23.018	ug/l	93
36) 1,1-Dichloropropene	7.13	75	240520	20.915	ug/l	99
37) Ethyl Acetate	6.17	43	112401	23.326	ug/l #	94
38) Carbon Tetrachloride	7.09	117	334761	19.315	ug/l	94

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	193983	19.837	ug/l	98
40) Benzene	7.45	78	503593	19.899	ug/l	95
41) Methacrylonitrile	6.43	41	132084	21.770	ug/l #	90
42) 1,2-Dichloroethane	7.57	62	276286	21.712	ug/l	99
43) Isopropyl Acetate	9.23	43	140040	21.699	ug/l #	95
44) Trichloroethene	8.53	130	198188	20.489	ug/l	98
45) 1,2-Dichloropropane	8.93	63	120365	20.424	ug/l	95
46) Dibromomethane	9.05	93	107588	21.377	ug/l	85
47) Bromodichloromethane	9.37	83	275218	21.319	ug/l	100
48) Methyl methacrylate	9.11	41	97067	22.177	ug/l	94
49) 1,4-Dioxane	9.07	88	18300	481.369	ug/l #	81
51) 4-Methyl-2-Pentanone	10.29	43	477551	108.136	ug/l	96
52) Toluene	10.50	92	365688	22.435	ug/l	98
53) t-1,3-Dichloropropene	10.90	75	218746	20.762	ug/l	95
54) cis-1,3-Dichloropropene	10.03	75	248601	20.926	ug/l	93
55) 1,1,2-Trichloroethane	11.18	97	120268	21.843	ug/l	90
56) Ethyl methacrylate	11.03	69	116022	19.414	ug/l	93
57) 1,3-Dichloropropane	11.40	76	173201	20.810	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.85	63	314496	99.679	ug/l	97
59) 2-Hexanone	11.52	43	350194	108.981	ug/l	92
60) Dibromochloromethane	11.67	129	218170	21.775	ug/l	96
61) 1,2-Dibromoethane	11.80	107	137465	20.623	ug/l	89
64) Tetrachloroethene	11.25	164	182899	21.717	ug/l	93
65) Chlorobenzene	12.39	112	411184	20.110	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.51	131	192182	21.357	ug/l	95
67) Ethyl Benzene	12.52	91	745184	20.960	ug/l	98
68) m/p-Xylenes	12.67	106	527570	42.238	ug/l	91
69) o-Xylene	13.04	106	258001	21.461	ug/l	98
70) Styrene	13.07	104	422454	19.756	ug/l	98
71) Bromoform	13.23	173	136667	22.149	ug/l #	94
73) Isopropylbenzene	13.39	105	796138	21.854	ug/l	96
74) N-amyl acetate	13.26	43	183421	20.057	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.69	83	129132	21.356	ug/l	92
76) 1,2,3-Trichloropropane	13.73	75	141482	21.524	ug/l	97
77) Bromobenzene	13.66	156	200322	20.120	ug/l	97
78) n-propylbenzene	13.77	91	913565	21.433	ug/l	96
79) 2-Chlorotoluene	13.84	91	519475	21.137	ug/l	96
80) 1,3,5-Trimethylbenzene	13.93	105	635357	19.961	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.46	75	34832	19.716	ug/l	89
82) 4-Chlorotoluene	13.95	91	626488	21.199	ug/l	95
83) tert-Butylbenzene	14.18	119	712470	21.256	ug/l	94
84) 1,2,4-Trimethylbenzene	14.23	105	635994	21.595	ug/l	91
85) sec-Butylbenzene	14.36	105	792704	22.269	ug/l	97
86) p-Isopropyltoluene	14.49	119	691293	20.311	ug/l	97
87) 1,3-Dichlorobenzene	14.45	146	367912	20.429	ug/l	97
88) 1,4-Dichlorobenzene	14.54	146	363054	21.012	ug/l	96
89) n-Butylbenzene	14.79	91	651946	20.988	ug/l	92
90) Hexachloroethane	15.00	117	185789	21.718	ug/l	83
91) 1,2-Dichlorobenzene	14.80	146	342256	22.399	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.37	75	24573	21.583	ug/l	65

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.93	180	254374	22.625	ug/l	92
94) Hexachlorobutadiene	16.03	225	170383	19.884	ug/l	94
95) Naphthalene	16.12	128	363121	21.311	ug/l	100
96) 1,2,3-Trichlorobenzene	16.27	180	209335	23.052	ug/l	87

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

