

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082219\
 Data File : VD063733.D
 Acq On : 22 Aug 2019 15:05
 Operator : JC/SY
 Sample : VD0822SBS01
 Misc : 5.00µg/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0822SBS01

Quant Time: Aug 23 06:58:18 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	1002908	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.22	114	1355290	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.38	117	1082260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	612567	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	503961	47.01	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	94.02%	
35) Dibromofluoromethane	6.93	113	586500	51.38	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.76%	
50) Toluene-d8	10.42	98	1179131	46.99	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.98%	
62) 4-Bromofluorobenzene	13.56	95	560163	49.25	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	232325	19.148	ug/l	95
3) Chloromethane	1.74	50	185527	19.571	ug/l	100
4) Vinyl Chloride	1.84	62	186493	19.817	ug/l	92
5) Bromomethane	2.15	94	72520	16.331	ug/l	87
6) Chloroethane	2.26	64	92725	21.546	ug/l	96
7) Trichlorofluoromethane	2.52	101	384394	20.824	ug/l	96
8) Diethyl Ether	2.87	74	53656	20.587	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.14	101	204282	18.742	ug/l	92
10) Methyl Iodide	3.30	142	255393	16.560	ug/l #	95
11) Tert butyl alcohol	4.10	59	50883	109.033	ug/l	98
12) 1,1-Dichloroethene	3.12	96	156063	19.258	ug/l	94
13) Acrolein	3.03	56	25371	55.232	ug/l #	76
14) Allyl chloride	3.62	41	254414	20.884	ug/l	94
15) Acrylonitrile	4.21	53	133960	108.372	ug/l	92
16) Acetone	3.23	43	244508	112.199	ug/l #	93
17) Carbon Disulfide	3.37	76	478828	18.722	ug/l	99
18) Methyl Acetate	3.64	43	87841	21.281	ug/l	99
19) Methyl tert-butyl Ether	4.24	73	362224	22.350	ug/l	98
20) Methylene Chloride	3.81	84	180970	19.205	ug/l #	92
21) trans-1,2-Dichloroethene	4.22	96	174472	20.459	ug/l	92
22) Diisopropyl ether	5.14	45	514254	20.456	ug/l #	94
23) Vinyl Acetate	5.06	43	1537078	105.174	ug/l	98
24) 1,1-Dichloroethane	4.98	63	319125	20.467	ug/l	97
25) 2-Butanone	6.09	43	235524	109.430	ug/l	100
26) 2,2-Dichloropropane	6.03	77	324599	20.901	ug/l	98
27) cis-1,2-Dichloroethene	6.05	96	186298	19.967	ug/l	99
28) Bromochloromethane	6.44	49	124975	19.777	ug/l	94
29) Tetrahydrofuran	6.47	42	102436	102.139	ug/l	96
30) Chloroform	6.68	83	398711	20.573	ug/l	99
31) Cyclohexane	6.96	56	203458	21.019	ug/l	95
32) 1,1,1-Trichloroethane	6.88	97	373329	20.137	ug/l	94
36) 1,1-Dichloropropene	7.15	75	271625	22.671	ug/l	93
37) Ethyl Acetate	6.19	43	98259	19.572	ug/l #	92
38) Carbon Tetrachloride	7.12	117	357319	19.789	ug/l	98

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39) Methylcyclohexane	8.87	83	216216	21.223	ug/l	96
40) Benzene	7.46	78	531763	20.168	ug/l	97
41) Methacrylonitrile	6.46	41	144588	22.873	ug/l	91
42) 1,2-Dichloroethane	7.59	62	277010	20.895	ug/l	99
43) Isopropyl Acetate	9.25	43	151507	22.532	ug/l #	98
44) Trichloroethene	8.55	130	217006	21.533	ug/l	93
45) 1,2-Dichloropropane	8.95	63	125192	20.389	ug/l #	86
46) Dibromomethane	9.07	93	114526	21.842	ug/l	94
47) Bromodichloromethane	9.38	83	297107	22.090	ug/l	98
48) Methyl methacrylate	9.14	41	95093	20.854	ug/l	95
49) 1,4-Dioxane	9.10	88	17366	440.657	ug/l #	89
51) 4-Methyl-2-Pentanone	10.31	43	518540	112.701	ug/l	95
52) Toluene	10.52	92	372627	21.942	ug/l	96
53) t-1,3-Dichloropropene	10.92	75	232671	21.197	ug/l	92
54) cis-1,3-Dichloropropene	10.05	75	261866	21.158	ug/l	96
55) 1,1,2-Trichloroethane	11.20	97	120535	21.012	ug/l	97
56) Ethyl methacrylate	11.05	69	133296	21.408	ug/l	94
57) 1,3-Dichloropropane	11.42	76	190934	22.019	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.87	63	360030	109.527	ug/l	99
59) 2-Hexanone	11.54	43	389212	116.258	ug/l	96
60) Dibromochloromethane	11.69	129	215268	20.622	ug/l	99
61) 1,2-Dibromoethane	11.81	107	150174	21.625	ug/l	98
64) Tetrachloroethene	11.26	164	196019	23.462	ug/l	92
65) Chlorobenzene	12.41	112	458135	22.586	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.52	131	212881	23.847	ug/l	88
67) Ethyl Benzene	12.53	91	807762	22.903	ug/l	99
68) m/p-Xylenes	12.67	106	548077	44.231	ug/l	90
69) o-Xylene	13.06	106	260190	21.817	ug/l	99
70) Styrene	13.08	104	495365	23.351	ug/l	100
71) Bromoform	13.24	173	140126	22.892	ug/l	93
73) Isopropylbenzene	13.41	105	804671	20.652	ug/l	99
74) N-amyl acetate	13.27	43	202211	20.674	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.71	83	141071	21.814	ug/l	93
76) 1,2,3-Trichloropropane	13.73	75	158859	22.597	ug/l	97
77) Bromobenzene	13.68	156	232530	21.837	ug/l	87
78) n-propylbenzene	13.77	91	975192	21.392	ug/l	91
79) 2-Chlorotoluene	13.84	91	599418	22.805	ug/l	97
80) 1,3,5-Trimethylbenzene	13.94	105	690179	20.274	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.48	75	38092	20.159	ug/l	98
82) 4-Chlorotoluene	13.95	91	669130	21.170	ug/l	100
83) tert-Butylbenzene	14.20	119	771074	21.509	ug/l	95
84) 1,2,4-Trimethylbenzene	14.25	105	743498	23.604	ug/l	97
85) sec-Butylbenzene	14.37	105	866411	22.758	ug/l	99
86) p-Isopropyltoluene	14.49	119	788063	21.649	ug/l	97
87) 1,3-Dichlorobenzene	14.46	146	391124	20.306	ug/l	96
88) 1,4-Dichlorobenzene	14.54	146	407777	22.066	ug/l	94
89) n-Butylbenzene	14.80	91	760734	22.898	ug/l	94
90) Hexachloroethane	15.01	117	205001	22.406	ug/l	90
91) 1,2-Dichlorobenzene	14.81	146	357668	21.887	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	15.39	75	25887	21.259	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	283175	23.549	ug/l	95
94) Hexachlorobutadiene	16.04	225	184644	20.148	ug/l	94
95) Naphthalene	16.13	128	368679	20.231	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	219757	22.627	ug/l	99

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

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