

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073019\
 Data File : VD063258.D
 Acq On : 31 Jul 2019 1:05
 Operator : VA/AP
 Sample : VD0730SBS02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0730SBS02

Quant Time: Jul 31 01:37:09 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	7.03	168	961077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1360672	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1104762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	621182	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.44	65	574191	53.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.68%	
35) Dibromofluoromethane	6.92	113	640841	55.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.32%	
50) Toluene-d8	10.40	98	1412575	54.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.66%	
62) 4-Bromofluorobenzene	13.55	95	600649	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	227313	19.349	ug/l	96
3) Chloromethane	1.74	50	193778	21.230	ug/l	93
4) Vinyl Chloride	1.84	62	184892	19.568	ug/l	96
5) Bromomethane	2.14	94	87723	18.408	ug/l	93
6) Chloroethane	2.25	64	83996	19.254	ug/l	92
7) Trichlorofluoromethane	2.52	101	337718	18.423	ug/l	97
8) Diethyl Ether	2.86	74	52954	20.641	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.14	101	194866	19.191	ug/l	98
10) Methyl Iodide	3.28	142	298473	20.347	ug/l	96
11) Tert butyl alcohol	4.07	59	52747	112.709	ug/l #	93
12) 1,1-Dichloroethene	3.11	96	151404	20.311	ug/l	86
13) Acrolein	3.02	56	42850	95.138	ug/l	92
14) Allyl chloride	3.60	41	234236	19.725	ug/l	98
15) Acrylonitrile	4.19	53	144915	119.438	ug/l	90
16) Acetone	3.23	43	198802	95.680	ug/l	96
17) Carbon Disulfide	3.35	76	485343	19.452	ug/l	99
18) Methyl Acetate	3.64	43	101627	25.464	ug/l	98
19) Methyl tert-butyl Ether	4.22	73	380255	22.582	ug/l	96
20) Methylene Chloride	3.80	84	181599	21.622	ug/l	97
21) trans-1,2-Dichloroethene	4.20	96	171801	20.540	ug/l	96
22) Diisopropyl ether	5.12	45	508139	21.417	ug/l	97
23) Vinyl Acetate	5.04	43	1551367	106.374	ug/l	99
24) 1,1-Dichloroethane	4.97	63	317595	20.957	ug/l	95
25) 2-Butanone	6.07	43	233650	112.050	ug/l	92
26) 2,2-Dichloropropane	6.01	77	276857	17.727	ug/l	99
27) cis-1,2-Dichloroethene	6.02	96	191150	21.316	ug/l	95
28) Bromochloromethane	6.43	49	132983	22.024	ug/l #	98
29) Tetrahydrofuran	6.45	42	113708	115.177	ug/l	98
30) Chloroform	6.65	83	409519	21.775	ug/l	91
31) Cyclohexane	6.94	56	178434	18.784	ug/l	99
32) 1,1,1-Trichloroethane	6.87	97	374986	20.613	ug/l	94
36) 1,1-Dichloropropene	7.13	75	236370	19.035	ug/l	99
37) Ethyl Acetate	6.17	43	130075	23.316	ug/l #	93
38) Carbon Tetrachloride	7.09	117	340895	18.235	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	191978	18.556	ug/l	94
40) Benzene	7.44	78	532412	20.457	ug/l	95
41) Methacrylonitrile	6.45	41	141250	21.166	ug/l #	99
42) 1,2-Dichloroethane	7.57	62	303489	22.003	ug/l	96
43) Isopropyl Acetate	9.23	43	149941	21.040	ug/l #	99
44) Trichloroethene	8.53	130	190002	18.017	ug/l	90
45) 1,2-Dichloropropane	8.92	63	137922	20.850	ug/l	91
46) Dibromomethane	9.05	93	117491	21.361	ug/l	90
47) Bromodichloromethane	9.37	83	296394	21.140	ug/l	95
48) Methyl methacrylate	9.11	41	98356	21.280	ug/l	98
49) 1,4-Dioxane	9.07	88	20122	511.927	ug/l #	77
51) 4-Methyl-2-Pentanone	10.29	43	538280	111.065	ug/l	95
52) Toluene	10.50	92	354399	20.474	ug/l	99
53) t-1,3-Dichloropropene	10.90	75	245399	20.301	ug/l	99
54) cis-1,3-Dichloropropene	10.03	75	256475	20.189	ug/l	95
55) 1,1,2-Trichloroethane	11.18	97	125815	21.521	ug/l	96
56) Ethyl methacrylate	11.03	69	140494	21.947	ug/l	91
57) 1,3-Dichloropropane	11.40	76	213026	23.128	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.85	63	381253	114.456	ug/l	99
59) 2-Hexanone	11.52	43	389578	111.543	ug/l	98
60) Dibromochloromethane	11.68	129	232870	21.100	ug/l	94
61) 1,2-Dibromoethane	11.80	107	162811	22.570	ug/l	90
64) Tetrachloroethene	11.25	164	190799	21.679	ug/l	91
65) Chlorobenzene	12.39	112	454210	21.375	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.51	131	212405	22.692	ug/l	97
67) Ethyl Benzene	12.52	91	765052	21.194	ug/l	95
68) m/p-Xylenes	12.66	106	550811	41.607	ug/l	94
69) o-Xylene	13.04	106	272943	22.452	ug/l	98
70) Styrene	13.07	104	473286	21.953	ug/l	97
71) Bromoform	13.23	173	148941	21.881	ug/l	92
73) Isopropylbenzene	13.39	105	768459	19.711	ug/l	98
74) N-amyl acetate	13.26	43	223046	21.641	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.69	83	151069	22.811	ug/l	94
76) 1,2,3-Trichloropropane	13.73	75	158350	21.223	ug/l	99
77) Bromobenzene	13.66	156	236763	21.318	ug/l	94
78) n-propylbenzene	13.77	91	867681	18.702	ug/l	97
79) 2-Chlorotoluene	13.84	91	532084	19.792	ug/l	100
80) 1,3,5-Trimethylbenzene	13.93	105	744866	22.151	ug/l	96
81) trans-1,4-Dichloro-2-buten	13.46	75	36445	17.591	ug/l	87
82) 4-Chlorotoluene	13.94	91	711149	22.478	ug/l	87
83) tert-Butylbenzene	14.18	119	766670	19.968	ug/l	98
84) 1,2,4-Trimethylbenzene	14.23	105	686632	19.742	ug/l	99
85) sec-Butylbenzene	14.36	105	812428	20.084	ug/l	97
86) p-Isopropyltoluene	14.49	119	744160	19.274	ug/l	98
87) 1,3-Dichlorobenzene	14.45	146	388727	19.764	ug/l	97
88) 1,4-Dichlorobenzene	14.54	146	390176	19.618	ug/l	96
89) n-Butylbenzene	14.79	91	653027	19.583	ug/l	99
90) Hexachloroethane	15.00	117	197749	19.659	ug/l	91
91) 1,2-Dichlorobenzene	14.80	146	355889	20.768	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.37	75	27919	20.696	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	257014	18.906	ug/l	97
94) Hexachlorobutadiene	16.03	225	181918	18.466	ug/l	94
95) Naphthalene	16.12	128	407582	21.212	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	213471	19.877	ug/l	91

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

