

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031919\
 Data File : VD061187.D
 Acq On : 19 Mar 2019 16:11
 Operator : VA/AP
 Sample : VD0319SBS01
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0319SBS01

Quant Time: Mar 19 16:38:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	638637	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.20	114	1132861	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.36	117	897086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	406518	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	279252	52.53	ug/l	-0.01
Spiked Amount			Recovery	=	105.06%	
35) Dibromofluoromethane	6.91	113	417920	49.71	ug/l	-0.01
Spiked Amount			Recovery	=	99.42%	
50) Toluene-d8	10.40	98	1015807	48.11	ug/l	0.00
Spiked Amount			Recovery	=	96.22%	
62) 4-Bromofluorobenzene	13.55	95	407395	49.73	ug/l	0.00
Spiked Amount			Recovery	=	99.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	124101	19.617	ug/l	98
3) Chloromethane	1.76	50	116227	22.055	ug/l	100
4) Vinyl Chloride	1.85	62	109722	22.533	ug/l	97
5) Bromomethane	2.15	94	17298	17.350	ug/l #	81
6) Chloroethane	2.26	64	29338	20.128	ug/l #	88
7) Trichlorofluoromethane	2.53	101	139080	19.882	ug/l	99
8) Diethyl Ether	2.88	74	50903	22.058	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	3.14	101	172870	22.104	ug/l	96
10) Methyl Iodide	3.31	142	213763	21.617	ug/l	97
11) Tert butyl alcohol	4.06	59	34455	101.811	ug/l	98
12) 1,1-Dichloroethene	3.12	96	142933	22.296	ug/l	99
13) Acrolein	3.04	56	35694	72.895	ug/l	89
14) Allyl chloride	3.62	41	215372	20.998	ug/l	99
15) Acrylonitrile	4.19	53	135661	113.420	ug/l	95
16) Acetone	3.22	43	142809	93.945	ug/l	98
17) Carbon Disulfide	3.37	76	433828	20.061	ug/l	100
18) Methyl Acetate	3.64	43	63590	21.256	ug/l	95
19) Methyl tert-butyl Ether	4.23	73	265846	23.663	ug/l	96
20) Methylene Chloride	3.81	84	168330	21.641	ug/l	94
21) trans-1,2-Dichloroethene	4.22	96	155403	22.397	ug/l	94
22) Diisopropyl ether	5.11	45	465716	21.872	ug/l	98
23) Vinyl Acetate	5.04	43	1249842	114.346	ug/l	99
24) 1,1-Dichloroethane	4.98	63	255636	21.913	ug/l	99
25) 2-Butanone	6.06	43	193434	112.140	ug/l	95
26) 2,2-Dichloropropane	6.01	77	209614	23.016	ug/l	95
27) cis-1,2-Dichloroethene	6.03	96	179982	24.448	ug/l	96
28) Bromochloromethane	6.43	49	94561	19.147	ug/l	91
29) Tetrahydrofuran	6.44	42	94344	100.726	ug/l	96
30) Chloroform	6.65	83	258488	21.379	ug/l	96
31) Cyclohexane	6.94	56	207564	22.065	ug/l	97
32) 1,1,1-Trichloroethane	6.87	97	217166	20.775	ug/l	97
36) 1,1-Dichloropropene	7.13	75	189178	19.373	ug/l	99
37) Ethyl Acetate	6.17	43	87426	19.079	ug/l	99
38) Carbon Tetrachloride	7.10	117	204920	19.051	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	186720	18.440	ug/l	99
40) Benzene	7.45	78	511491	20.962	ug/l	99
41) Methacrylonitrile	6.43	41	102680	19.481	ug/l	99
42) 1,2-Dichloroethane	7.56	62	141850	20.033	ug/l	100
43) Isopropyl Acetate	9.23	43	128907	20.311	ug/l #	96
44) Trichloroethene	8.53	130	187985	22.331	ug/l	95
45) 1,2-Dichloropropane	8.92	63	126267	19.697	ug/l	98
46) Dibromomethane	9.05	93	83099	20.436	ug/l	96
47) Bromodichloromethane	9.37	83	186876	20.365	ug/l	98
48) Methyl methacrylate	9.11	41	75946	21.253	ug/l	95
49) 1,4-Dioxane	9.06	88	14488	400.948	ug/l #	96
51) 4-Methyl-2-Pentanone	10.28	43	401777	103.332	ug/l	97
52) Toluene	10.50	92	300463	19.802	ug/l	96
53) t-1,3-Dichloropropene	10.90	75	160737	19.157	ug/l	94
54) cis-1,3-Dichloropropene	10.03	75	201052	19.943	ug/l	97
55) 1,1,2-Trichloroethane	11.18	97	106022	20.982	ug/l	96
56) Ethyl methacrylate	11.03	69	103273	19.526	ug/l	91
57) 1,3-Dichloropropane	11.39	76	154874	20.510	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.84	63	277112	98.983	ug/l	99
59) 2-Hexanone	11.52	43	288484	101.428	ug/l	99
60) Dibromochloromethane	11.67	129	158222	21.276	ug/l	100
61) 1,2-Dibromoethane	11.80	107	115315	19.618	ug/l	97
64) Tetrachloroethene	11.25	164	137815	22.758	ug/l	93
65) Chlorobenzene	12.39	112	394526	22.433	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.51	131	146734	23.407	ug/l	97
67) Ethyl Benzene	12.52	91	602980	23.030	ug/l	100
68) m/p-Xylenes	12.65	106	453367	44.118	ug/l	95
69) o-Xylene	13.04	106	206027	20.396	ug/l	95
70) Styrene	13.07	104	356942	21.640	ug/l	96
71) Bromoform	13.22	173	86201	21.315	ug/l	98
73) Isopropylbenzene	13.39	105	632776	21.599	ug/l	99
74) N-amyl acetate	13.25	43	173032	20.975	ug/l	99
75) 1,1,2,2-Tetrachloroethane	13.69	83	114742	20.074	ug/l	95
76) 1,2,3-Trichloropropane	13.73	75	112600	19.253	ug/l	99
77) Bromobenzene	13.66	156	167235	22.362	ug/l	91
78) n-propylbenzene	13.77	91	710781	20.724	ug/l	97
79) 2-Chlorotoluene	13.83	91	351297	18.605	ug/l	94
80) 1,3,5-Trimethylbenzene	14.23	105	467263	21.009	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.46	75	32257	18.708	ug/l	93
82) 4-Chlorotoluene	13.93	91	445122	19.940	ug/l	93
83) tert-Butylbenzene	14.18	119	516110	21.204	ug/l	96
84) 1,2,4-Trimethylbenzene	14.23	105	467263	21.009	ug/l	98
85) sec-Butylbenzene	14.36	105	650384	21.887	ug/l	98
86) p-Isopropyltoluene	14.48	119	501886	20.663	ug/l	97
87) 1,3-Dichlorobenzene	14.45	146	268584	20.112	ug/l	98
88) 1,4-Dichlorobenzene	14.52	146	285905	21.787	ug/l	96
89) n-Butylbenzene	14.79	91	488413	20.939	ug/l	97
90) Hexachloroethane	15.00	117	145325	21.189	ug/l	80
91) 1,2-Dichlorobenzene	14.80	146	248121	22.287	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.37	75	13390	19.440	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	105703	20.467	ug/l	99
94) Hexachlorobutadiene	16.03	225	79087	20.246	ug/l	98
95) Naphthalene	16.12	128	173927	22.162	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	46840	18.363	ug/l	96

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

