

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071219\
 Data File : VD063072.D
 Acq On : 12 Jul 2019 15:54
 Operator : VA/AP
 Sample : VD0712SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0712SBS01

Quant Time: Jul 12 16:21:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	878222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1159217	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.38	117	1038490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	559434	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.46	65	490335	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
35) Dibromofluoromethane	6.93	113	503984	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
50) Toluene-d8	10.42	98	1159821	54.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.04%	
62) 4-Bromofluorobenzene	13.57	95	515383	53.28	ug/l	0.01
Spiked Amount	50.000		Recovery	=	106.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.58	85	212745	18.720	ug/l	99
3) Chloromethane	1.75	50	179916	21.051	ug/l	99
4) Vinyl Chloride	1.84	62	166336	19.629	ug/l	97
5) Bromomethane	2.15	94	56459	14.227	ug/l #	88
6) Chloroethane	2.26	64	75571	19.698	ug/l #	84
7) Trichlorofluoromethane	2.52	101	321926	18.771	ug/l	100
8) Diethyl Ether	2.88	74	50818	23.321	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.14	101	189006	20.343	ug/l	97
10) Methyl Iodide	3.30	142	221320	18.056	ug/l	96
11) Tert butyl alcohol	4.10	59	55717	128.151	ug/l #	93
12) 1,1-Dichloroethene	3.12	96	132791	19.052	ug/l	89
13) Acrolein	3.03	56	23628	53.234	ug/l	98
14) Allyl chloride	3.62	41	227745	22.114	ug/l	91
15) Acrylonitrile	4.21	53	131656	128.872	ug/l	88
16) Acetone	3.23	43	234238	117.285	ug/l #	86
17) Carbon Disulfide	3.37	76	394591	17.714	ug/l #	94
18) Methyl Acetate	3.65	43	110233	38.252	ug/l #	92
19) Methyl tert-butyl Ether	4.25	73	372512	24.689	ug/l	97
20) Methylene Chloride	3.81	84	157504	21.634	ug/l	90
21) trans-1,2-Dichloroethene	4.22	96	163537	22.036	ug/l	88
22) Diisopropyl ether	5.13	45	496520	23.707	ug/l	99
23) Vinyl Acetate	5.07	43	1390433	106.095	ug/l	98
24) 1,1-Dichloroethane	4.98	63	298793	21.912	ug/l	98
25) 2-Butanone	6.09	43	226802	127.030	ug/l #	89
26) 2,2-Dichloropropane	6.04	77	311677	21.564	ug/l	99
27) cis-1,2-Dichloroethene	6.05	96	175827	22.404	ug/l	96
28) Bromochloromethane	6.45	49	113233	23.577	ug/l	85
29) Tetrahydrofuran	6.48	42	114296	135.301	ug/l	96
30) Chloroform	6.68	83	373657	22.532	ug/l	92
31) Cyclohexane	6.96	56	183138	20.429	ug/l	90
32) 1,1,1-Trichloroethane	6.88	97	342555	19.832	ug/l	95
36) 1,1-Dichloropropene	7.15	75	234869	21.403	ug/l	96
37) Ethyl Acetate	6.20	43	107862	22.800	ug/l #	94
38) Carbon Tetrachloride	7.12	117	347546	21.058	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	204282	21.149	ug/l	99
40) Benzene	7.46	78	525861	23.873	ug/l	96
41) Methacrylonitrile	6.46	41	143118	24.731	ug/l	91
42) 1,2-Dichloroethane	7.59	62	275910	22.961	ug/l	97
43) Isopropyl Acetate	9.26	43	152798	26.559	ug/l #	100
44) Trichloroethene	8.55	130	192714	22.316	ug/l	97
45) 1,2-Dichloropropane	8.95	63	138706	25.324	ug/l	100
46) Dibromomethane	9.08	93	114066	24.243	ug/l	89
47) Bromodichloromethane	9.38	83	282781	23.142	ug/l	94
48) Methyl methacrylate	9.14	41	104281	25.507	ug/l	92
49) 1,4-Dioxane	9.10	88	20036	589.060	ug/l #	85
51) 4-Methyl-2-Pentanone	10.31	43	542217	132.932	ug/l	98
52) Toluene	10.52	92	333257	22.507	ug/l	98
53) t-1,3-Dichloropropene	10.93	75	242069	24.203	ug/l	93
54) cis-1,3-Dichloropropene	10.05	75	250215	23.017	ug/l #	85
55) 1,1,2-Trichloroethane	11.21	97	119518	23.494	ug/l	94
56) Ethyl methacrylate	11.06	69	134643	24.766	ug/l	91
57) 1,3-Dichloropropane	11.42	76	194251	24.939	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.87	63	361719	129.601	ug/l	99
59) 2-Hexanone	11.55	43	399716	137.598	ug/l	99
60) Dibromochloromethane	11.70	129	234632	24.762	ug/l	99
61) 1,2-Dibromoethane	11.82	107	140664	23.412	ug/l	92
64) Tetrachloroethene	11.26	164	175609	20.546	ug/l	96
65) Chlorobenzene	12.41	112	437115	22.680	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.52	131	187079	20.756	ug/l	95
67) Ethyl Benzene	12.53	91	715539	20.679	ug/l	94
68) m/p-Xylenes	12.67	106	531861	44.131	ug/l	92
69) o-Xylene	13.06	106	257879	23.407	ug/l	97
70) Styrene	13.08	104	440424	22.759	ug/l	94
71) Bromoform	13.24	173	140252	22.711	ug/l	94
73) Isopropylbenzene	13.41	105	772179	21.527	ug/l	100
74) N-amyl acetate	13.27	43	206513	23.707	ug/l	94
75) 1,1,2,2-Tetrachloroethane	13.71	83	134685	23.045	ug/l	97
76) 1,2,3-Trichloropropane	13.75	75	153047	23.698	ug/l	91
77) Bromobenzene	13.68	156	192969	20.001	ug/l	92
78) n-propylbenzene	13.78	91	891771	21.360	ug/l	98
79) 2-Chlorotoluene	13.84	91	506601	21.233	ug/l	99
80) 1,3,5-Trimethylbenzene	13.94	105	636794	21.135	ug/l	95
81) trans-1,4-Dichloro-2-buten	13.48	75	43683	25.808	ug/l	94
82) 4-Chlorotoluene	13.95	91	625549	21.778	ug/l	94
83) tert-Butylbenzene	14.20	119	736600	21.933	ug/l	99
84) 1,2,4-Trimethylbenzene	14.25	105	661596	21.424	ug/l	100
85) sec-Butylbenzene	14.38	105	793115	21.729	ug/l	96
86) p-Isopropyltoluene	14.50	119	775248	23.216	ug/l	94
87) 1,3-Dichlorobenzene	14.46	146	426077	24.636	ug/l	98
88) 1,4-Dichlorobenzene	14.54	146	354764	20.423	ug/l	99
89) n-Butylbenzene	14.81	91	659990	21.117	ug/l	98
90) Hexachloroethane	15.02	117	196922	21.933	ug/l	84
91) 1,2-Dichlorobenzene	14.82	146	330456	22.333	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.39	75	28040	24.581	ug/l	71

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	265743	22.991	ug/l	95
94) Hexachlorobutadiene	16.05	225	174187	19.726	ug/l	95
95) Naphthalene	16.13	128	400962	24.749	ug/l	98
96) 1,2,3-Trichlorobenzene	16.28	180	220266	24.802	ug/l	92

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

