

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD032719\
 Data File : VD061369.D
 Acq On : 28 Mar 2019 00:51
 Operator : VA/AP
 Sample : VD0327SBS02
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0327SBS02

Quant Time: Mar 28 09:26:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	600707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	1080494	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	982993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	429370	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.43	65	283772	55.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.60%	
35) Dibromofluoromethane	6.90	113	443210	53.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.36%	
50) Toluene-d8	10.38	98	1023124	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
62) 4-Bromofluorobenzene	13.54	95	413465	54.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.58	85	127931	19.942	ug/l	100
3) Chloromethane	1.76	50	112151	21.435	ug/l	98
4) Vinyl Chloride	1.86	62	96668	20.123	ug/l	99
5) Bromomethane	2.15	94	17928	18.820	ug/l	93
6) Chloroethane	2.26	64	25387	18.021	ug/l	100
7) Trichlorofluoromethane	2.52	101	138583	19.838	ug/l	100
8) Diethyl Ether	2.87	74	53385	23.736	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.13	101	156124	20.789	ug/l	97
10) Methyl Iodide	3.29	142	166658	17.051	ug/l	99
11) Tert butyl alcohol	4.06	59	34573	108.185	ug/l	100
12) 1,1-Dichloroethene	3.12	96	135573	21.026	ug/l	94
13) Acrolein	3.03	56	32043	119.654	ug/l	96
14) Allyl chloride	3.61	41	187040	20.798	ug/l	97
15) Acrylonitrile	4.18	53	130324	117.497	ug/l	97
16) Acetone	3.21	43	126032	95.542	ug/l	94
17) Carbon Disulfide	3.36	76	417125	19.911	ug/l	100
18) Methyl Acetate	3.63	43	68129	24.564	ug/l	99
19) Methyl tert-butyl Ether	4.22	73	265489	23.787	ug/l	98
20) Methylene Chloride	3.80	84	182732	23.719	ug/l	99
21) trans-1,2-Dichloroethene	4.20	96	152107	21.850	ug/l	95
22) Diisopropyl ether	5.09	45	436899	22.957	ug/l	98
23) Vinyl Acetate	5.02	43	1129700	109.282	ug/l	98
24) 1,1-Dichloroethane	4.96	63	234820	20.996	ug/l	98
25) 2-Butanone	6.04	43	169158	101.942	ug/l	97
26) 2,2-Dichloropropane	6.00	77	173579	19.523	ug/l	99
27) cis-1,2-Dichloroethene	6.01	96	169042	22.164	ug/l	97
28) Bromochloromethane	6.41	49	93788	20.774	ug/l	97
29) Tetrahydrofuran	6.42	42	87906	109.298	ug/l	99
30) Chloroform	6.64	83	261250	22.606	ug/l	100
31) Cyclohexane	6.92	56	169121	19.135	ug/l	96
32) 1,1,1-Trichloroethane	6.84	97	216407	21.226	ug/l	92
36) 1,1-Dichloropropene	7.12	75	196538	20.841	ug/l	97
37) Ethyl Acetate	6.16	43	91984	22.807	ug/l	96
38) Carbon Tetrachloride	7.08	117	213556	19.707	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.83	83	169527	17.261	ug/l	97
40) Benzene	7.43	78	467736	19.763	ug/l	98
41) Methacrylonitrile	6.42	41	97205	20.613	ug/l	96
42) 1,2-Dichloroethane	7.55	62	160455	22.665	ug/l	97
43) Isopropyl Acetate	9.21	43	128136	21.836	ug/l	95
44) Trichloroethene	8.51	130	168910	19.177	ug/l	97
45) 1,2-Dichloropropane	8.91	63	122431	20.401	ug/l	98
46) Dibromomethane	9.03	93	84793	20.992	ug/l	96
47) Bromodichloromethane	9.35	83	200236	22.086	ug/l	99
48) Methyl methacrylate	9.09	41	73051	22.557	ug/l	96
49) 1,4-Dioxane	9.05	88	15669	438.653	ug/l	93
51) 4-Methyl-2-Pentanone	10.27	43	413580	115.845	ug/l	99
52) Toluene	10.48	92	294828	20.419	ug/l	99
53) t-1,3-Dichloropropene	10.88	75	165059	20.039	ug/l	97
54) cis-1,3-Dichloropropene	10.02	75	198771	19.818	ug/l	94
55) 1,1,2-Trichloroethane	11.16	97	111332	22.048	ug/l	97
56) Ethyl methacrylate	11.02	69	126340	23.290	ug/l	97
57) 1,3-Dichloropropane	11.38	76	165414	22.287	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.83	63	290245	109.868	ug/l	99
59) 2-Hexanone	11.51	43	260840	100.841	ug/l	99
60) Dibromochloromethane	11.66	129	170324	21.880	ug/l	99
61) 1,2-Dibromoethane	11.78	107	124698	21.326	ug/l	97
64) Tetrachloroethene	11.23	164	140194	18.172	ug/l	97
65) Chlorobenzene	12.38	112	400214	19.922	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.50	131	152644	19.624	ug/l	98
67) Ethyl Benzene	12.51	91	591811	19.300	ug/l	97
68) m/p-Xylenes	12.65	106	412790	35.538	ug/l	91
69) o-Xylene	13.03	106	228884	20.306	ug/l	98
70) Styrene	13.06	104	414762	21.109	ug/l	98
71) Bromoform	13.22	173	95903	19.450	ug/l	96
73) Isopropylbenzene	13.38	105	606266	20.288	ug/l	96
74) N-amyl acetate	13.24	43	163531	19.644	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.69	83	127529	20.230	ug/l	93
76) 1,2,3-Trichloropropane	13.72	75	122815	19.801	ug/l	100
77) Bromobenzene	13.66	156	186828	21.088	ug/l	80
78) n-propylbenzene	13.76	91	676987	18.512	ug/l	97
79) 2-Chlorotoluene	13.83	91	360991	18.180	ug/l	99
80) 1,3,5-Trimethylbenzene	13.91	105	494363	21.321	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.46	75	36432	19.265	ug/l	91
82) 4-Chlorotoluene	13.93	91	466241	21.594	ug/l	97
83) tert-Butylbenzene	14.18	119	541365	18.683	ug/l	90
84) 1,2,4-Trimethylbenzene	14.22	105	408888	16.289	ug/l	99
85) sec-Butylbenzene	14.36	105	599622	19.479	ug/l	97
86) p-Isopropyltoluene	14.48	119	542107	20.826	ug/l	100
87) 1,3-Dichlorobenzene	14.45	146	289117	19.272	ug/l	94
88) 1,4-Dichlorobenzene	14.52	146	299125	20.446	ug/l	97
89) n-Butylbenzene	14.78	91	442077	18.504	ug/l	97
90) Hexachloroethane	15.00	117	137137	18.649	ug/l	92
91) 1,2-Dichlorobenzene	14.80	146	249730	20.294	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.37	75	15067	20.378	ug/l #	52

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.93	180	111937	19.969	ug/l	98
94) Hexachlorobutadiene	16.03	225	82488	18.831	ug/l	96
95) Naphthalene	16.11	128	180775	21.157	ug/l	98
96) 1,2,3-Trichlorobenzene	16.26	180	61901	25.094	ug/l	98

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

