

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061719\
 Data File : VD062720.D
 Acq On : 17 Jun 2019 12:18
 Operator : VA/AP
 Sample : VD0617SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0617SBS01

Quant Time: Jun 17 12:46:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	693957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	952735	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	767001	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	433464	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.44	65	541092	54.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.06%	
35) Dibromofluoromethane	6.92	113	571203	56.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.70%	
50) Toluene-d8	10.41	98	1205153	57.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.04%	
62) 4-Bromofluorobenzene	13.56	95	556035	56.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	187119	21.735	ug/l	99
3) Chloromethane	1.74	50	157126	22.883	ug/l	90
4) Vinyl Chloride	1.84	62	146890	20.746	ug/l	95
5) Bromomethane	2.15	94	59392	16.618	ug/l	92
6) Chloroethane	2.26	64	75629	21.635	ug/l #	77
7) Trichlorofluoromethane	2.52	101	333164	21.022	ug/l	90
8) Diethyl Ether	2.87	74	43071	19.982	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.13	101	185672	21.724	ug/l	95
10) Methyl Iodide	3.29	142	206444	19.314	ug/l	94
11) Tert butyl alcohol	4.08	59	42053	102.166	ug/l #	80
12) 1,1-Dichloroethene	3.11	96	125234	20.418	ug/l	87
13) Acrolein	3.03	56	12643	95.488	ug/l	97
14) Allyl chloride	3.60	41	205131	21.751	ug/l	88
15) Acrylonitrile	4.19	53	96417	103.080	ug/l #	84
16) Acetone	3.22	43	200939	109.583	ug/l	95
17) Carbon Disulfide	3.36	76	362653	20.064	ug/l	100
18) Methyl Acetate	3.63	43	66820	22.174	ug/l	95
19) Methyl tert-butyl Ether	4.23	73	316397	21.150	ug/l	95
20) Methylene Chloride	3.80	84	138277	19.691	ug/l	96
21) trans-1,2-Dichloroethene	4.22	96	140563	20.892	ug/l	89
22) Diisopropyl ether	5.11	45	435313	22.230	ug/l	98
23) Vinyl Acetate	5.05	43	1343707	110.605	ug/l	99
24) 1,1-Dichloroethane	4.97	63	277360	22.017	ug/l #	95
25) 2-Butanone	6.07	43	176853	98.861	ug/l	99
26) 2,2-Dichloropropane	6.02	77	311319	21.442	ug/l	99
27) cis-1,2-Dichloroethene	6.03	96	157095	21.538	ug/l	94
28) Bromochloromethane	6.43	49	94602	19.645	ug/l	99
29) Tetrahydrofuran	6.45	42	85834	106.547	ug/l	97
30) Chloroform	6.66	83	346925	21.464	ug/l	85
31) Cyclohexane	6.94	56	166996	21.132	ug/l	84
32) 1,1,1-Trichloroethane	6.86	97	345520	21.483	ug/l	98
36) 1,1-Dichloropropene	7.14	75	204548	18.759	ug/l	96
37) Ethyl Acetate	6.18	43	95410	21.230	ug/l #	95
38) Carbon Tetrachloride	7.11	117	337973	19.610	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	193316	21.939	ug/l	85
40) Benzene	7.44	78	432532	20.312	ug/l	99
41) Methacrylonitrile	6.45	41	116083	20.337	ug/l	97
42) 1,2-Dichloroethane	7.57	62	254903	20.083	ug/l	95
43) Isopropyl Acetate	9.24	43	119066	20.695	ug/l #	93
44) Trichloroethene	8.54	130	170568	19.730	ug/l	94
45) 1,2-Dichloropropane	8.93	63	105887	20.702	ug/l	95
46) Dibromomethane	9.06	93	95635	21.064	ug/l	89
47) Bromodichloromethane	9.37	83	250704	20.299	ug/l	90
48) Methyl methacrylate	9.12	41	75508	18.166	ug/l #	89
49) 1,4-Dioxane	9.09	88	12897	377.846	ug/l #	87
51) 4-Methyl-2-Pentanone	10.30	43	436722	108.481	ug/l	96
52) Toluene	10.51	92	280599	19.603	ug/l	99
53) t-1,3-Dichloropropene	10.91	75	199081	19.660	ug/l	96
54) cis-1,3-Dichloropropene	10.03	75	226332	21.626	ug/l	97
55) 1,1,2-Trichloroethane	11.18	97	107187	21.836	ug/l	96
56) Ethyl methacrylate	11.04	69	112402	21.446	ug/l	99
57) 1,3-Dichloropropane	11.40	76	157810	20.742	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.86	63	324731	123.771	ug/l	98
59) 2-Hexanone	11.53	43	281169	93.891	ug/l	99
60) Dibromochloromethane	11.69	129	193224	19.940	ug/l	98
61) 1,2-Dibromoethane	11.81	107	123420	21.008	ug/l	93
64) Tetrachloroethene	11.25	164	159919	22.273	ug/l	94
65) Chlorobenzene	12.40	112	360446	21.246	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.51	131	174520	21.568	ug/l	93
67) Ethyl Benzene	12.52	91	678205	22.546	ug/l	96
68) m/p-Xylenes	12.66	106	459186	43.422	ug/l	98
69) o-Xylene	13.05	106	222316	22.891	ug/l	95
70) Styrene	13.07	104	389058	22.451	ug/l	100
71) Bromoform	13.23	173	123047	21.532	ug/l	96
73) Isopropylbenzene	13.40	105	686235	22.461	ug/l	99
74) N-amyl acetate	13.26	43	173235	20.980	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.70	83	114169	21.839	ug/l	97
76) 1,2,3-Trichloropropane	13.73	75	131974	22.455	ug/l	97
77) Bromobenzene	13.67	156	197384	22.603	ug/l	92
78) n-propylbenzene	13.77	91	860298	23.004	ug/l	99
79) 2-Chlorotoluene	13.84	91	494813	22.597	ug/l	92
80) 1,3,5-Trimethylbenzene	13.93	105	610918	22.625	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.47	75	31275	20.440	ug/l	91
82) 4-Chlorotoluene	13.94	91	571563	21.826	ug/l	93
83) tert-Butylbenzene	14.19	119	698621	23.458	ug/l	95
84) 1,2,4-Trimethylbenzene	14.24	105	627963	23.488	ug/l	99
85) sec-Butylbenzene	14.36	105	700755	22.439	ug/l	97
86) p-Isopropyltoluene	14.49	119	712880	23.445	ug/l	97
87) 1,3-Dichlorobenzene	14.45	146	341750	21.603	ug/l	99
88) 1,4-Dichlorobenzene	14.53	146	341481	22.841	ug/l	96
89) n-Butylbenzene	14.80	91	654281	23.919	ug/l	97
90) Hexachloroethane	15.00	117	182527	22.739	ug/l	89
91) 1,2-Dichlorobenzene	14.81	146	307351	23.372	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	15.38	75	22459	20.112	ug/l	79

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	224398	22.248	ug/l	94
94) Hexachlorobutadiene	16.04	225	176363	22.715	ug/l	97
95) Naphthalene	16.12	128	293854	20.844	ug/l	99
96) 1,2,3-Trichlorobenzene	16.26	180	172638	22.792	ug/l	95

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

