

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101719\
 Data File : VD063998.D
 Acq On : 17 Oct 2019 11:51
 Operator : VA/SY
 Sample : VD1017SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1017SBS01

Quant Time: Oct 17 17:42:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	168920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	257480	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	256567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	138904	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	84415	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
35) Dibromofluoromethane	7.92	113	88873	56.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.96%	
50) Toluene-d8	10.34	98	372337	58.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.60%	
62) 4-Bromofluorobenzene	12.64	95	116464	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	25367	21.176	ug/l	92
3) Chloromethane	2.21	50	77365	21.403	ug/l	100
4) Vinyl Chloride	2.35	62	90353	23.336	ug/l	100
5) Bromomethane	2.76	94	53479	21.485	ug/l	95
6) Chloroethane	2.92	64	59695	23.314	ug/l	90
7) Trichlorofluoromethane	3.27	101	127645	24.935	ug/l	99
8) Diethyl Ether	3.70	74	17307	21.064	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.08	101	30345	21.415	ug/l	96
10) Methyl Iodide	4.29	142	38503	19.720	ug/l	97
11) Tert butyl alcohol	5.26	59	5635m	42.670	ug/l	
12) 1,1-Dichloroethene	4.06	96	29657	20.949	ug/l	94
13) Acrolein	3.93	56	9755	66.414	ug/l	90
14) Allyl chloride	4.71	41	50403	21.415	ug/l	92
15) Acrylonitrile	5.43	53	40122	110.758	ug/l	97
16) Acetone	4.17	43	39706	92.734	ug/l	100
17) Carbon Disulfide	4.40	76	98242	19.090	ug/l	98
18) Methyl Acetate	4.73	43	20070	23.966	ug/l #	87
19) Methyl tert-butyl Ether	5.48	73	71102	19.395	ug/l #	91
20) Methylene Chloride	4.97	84	39711	19.038	ug/l	93
21) trans-1,2-Dichloroethene	5.47	96	36972	20.979	ug/l	99
22) Diisopropyl ether	6.38	45	99260	20.649	ug/l #	93
23) Vinyl Acetate	6.31	43	289431	101.214	ug/l	97
24) 1,1-Dichloroethane	6.27	63	62743	21.191	ug/l	96
25) 2-Butanone	7.23	43	50056	98.647	ug/l	96
26) 2,2-Dichloropropane	7.21	77	55246	20.626	ug/l	96
27) cis-1,2-Dichloroethene	7.21	96	42617	21.364	ug/l	96
28) Bromochloromethane	7.56	49	20511	19.406	ug/l	99
29) Tetrahydrofuran	7.57	42	30249	102.132	ug/l	96
30) Chloroform	7.71	83	67068	20.855	ug/l	92
31) Cyclohexane	7.98	56	60946	22.718	ug/l	93
32) 1,1,1-Trichloroethane	7.91	97	59209	21.463	ug/l	95
36) 1,1-Dichloropropene	8.11	75	55447	23.552	ug/l	99
37) Ethyl Acetate	7.30	43	23552	22.778	ug/l	98
38) Carbon Tetrachloride	8.10	117	56162	23.607	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	66477	22.966	ug/l	94
40) Benzene	8.35	78	153409	22.739	ug/l	95
41) Methacrylonitrile	7.54	41	12539	22.973	ug/l #	81
42) 1,2-Dichloroethane	8.43	62	41703	21.370	ug/l	100
43) Isopropyl Acetate	8.46	43	39840	20.179	ug/l #	82
44) Trichloroethene	9.11	130	44615	22.933	ug/l	99
45) 1,2-Dichloropropane	9.39	63	37166	22.507	ug/l	100
46) Dibromomethane	9.48	93	21813	23.195	ug/l	97
47) Bromodichloromethane	9.67	83	51888	21.430	ug/l	90
48) Methyl methacrylate	9.46	41	18832	19.908	ug/l	95
49) 1,4-Dioxane	9.47	88	5588	435.309	ug/l	96
51) 4-Methyl-2-Pentanone	10.24	43	107476	104.965	ug/l	97
52) Toluene	10.41	92	103624	22.375	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	47923	20.283	ug/l	94
54) cis-1,3-Dichloropropene	10.10	75	57748	21.233	ug/l	92
55) 1,1,2-Trichloroethane	10.80	97	29344	22.099	ug/l	94
56) Ethyl methacrylate	10.67	69	33682	20.031	ug/l	97
57) 1,3-Dichloropropane	10.95	76	49650	21.854	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.95	63	74419	102.961	ug/l	98
59) 2-Hexanone	10.99	43	80465	108.637	ug/l	98
60) Dibromochloromethane	11.14	129	37869	21.906	ug/l	99
61) 1,2-Dibromoethane	11.25	107	28255	21.949	ug/l	99
64) Tetrachloroethene	10.87	164	41452	23.666	ug/l	90
65) Chlorobenzene	11.67	112	114822	22.284	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	41545	21.882	ug/l	94
67) Ethyl Benzene	11.75	91	204408	22.001	ug/l	100
68) m/p-Xylenes	11.86	106	166265	46.363	ug/l	96
69) o-Xylene	12.18	106	75682	22.040	ug/l	98
70) Styrene	12.20	104	124851	21.478	ug/l	98
71) Bromoform	12.37	173	21139	20.746	ug/l #	95
73) Isopropylbenzene	12.48	105	203781	21.823	ug/l	99
74) N-amyl acetate	12.30	43	39465	19.630	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	34429	21.188	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	20745m	22.298	ug/l	
77) Bromobenzene	12.77	156	49763	21.390	ug/l	97
78) n-propylbenzene	12.83	91	246617	22.500	ug/l	99
79) 2-Chlorotoluene	12.91	91	133660	22.116	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	171200	21.976	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.54	75	10075	19.164	ug/l	97
82) 4-Chlorotoluene	13.01	91	138488	21.601	ug/l	100
83) tert-Butylbenzene	13.23	119	149439	21.554	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	172769	21.512	ug/l	98
85) sec-Butylbenzene	13.41	105	208657	22.285	ug/l	99
86) p-Isopropyltoluene	13.52	119	194251	21.925	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	99318	21.606	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	99757	21.997	ug/l	99
89) n-Butylbenzene	13.85	91	187747	22.765	ug/l	98
90) Hexachloroethane	14.11	117	34576	21.698	ug/l	94
91) 1,2-Dichlorobenzene	13.90	146	84561	21.346	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5437	20.064	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	58939	19.282	ug/l	98
94) Hexachlorobutadiene	15.27	225	35337	20.949	ug/l	93
95) Naphthalene	15.41	128	105297	20.496	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	54276	20.580	ug/l	99

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

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