

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021219\
 Data File : VW008616.D
 Acq On : 12 Feb 2019 12:19
 Operator : SY/VA
 Sample : VW0212SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0212SBS01

Quant Time: Feb 13 00:34:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	401068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	605820	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	532565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	281750	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	182214	46.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.50%	
35) Dibromofluoromethane	7.88	113	177000	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
50) Toluene-d8	10.32	98	667545	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
62) 4-Bromofluorobenzene	12.62	95	244811	44.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	31566	15.986	ug/l	97
3) Chloromethane	2.21	50	52552	16.052	ug/l	97
4) Vinyl Chloride	2.36	62	74134	17.789	ug/l	97
5) Bromomethane	2.77	94	61077	22.722	ug/l	92
6) Chloroethane	2.93	64	60219	23.627	ug/l	97
7) Trichlorofluoromethane	3.25	101	57587	19.110	ug/l	99
8) Diethyl Ether	3.67	74	37673	18.835	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	70927	19.553	ug/l	98
10) Methyl Iodide	4.26	142	109372	19.089	ug/l	99
11) Tert butyl alcohol	5.17	59	28287	89.170	ug/l	100
12) 1,1-Dichloroethene	4.03	96	66923	18.230	ug/l	97
13) Acrolein	3.88	56	21978	81.396	ug/l	100
14) Allyl chloride	4.65	41	117105	16.799	ug/l	95
15) Acrylonitrile	5.36	53	77486	89.717	ug/l	99
16) Acetone	4.12	43	75952	85.840	ug/l	96
17) Carbon Disulfide	4.37	76	189472	16.160	ug/l	99
18) Methyl Acetate	4.66	43	42195	17.879	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	119184	19.622	ug/l	98
20) Methylene Chloride	4.90	84	76316	18.713	ug/l	97
21) trans-1,2-Dichloroethene	5.41	96	74523	18.057	ug/l	95
22) Diisopropyl ether	6.31	45	228415	17.289	ug/l	98
23) Vinyl Acetate	6.24	43	674299	86.435	ug/l	99
24) 1,1-Dichloroethane	6.20	63	135329	18.096	ug/l	98
25) 2-Butanone	7.17	43	108812	88.538	ug/l	99
26) 2,2-Dichloropropane	7.16	77	91118	18.026	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	83119	18.479	ug/l	98
28) Bromochloromethane	7.51	49	61192	17.815	ug/l	98
29) Tetrahydrofuran	7.52	42	70464	90.477	ug/l	96
30) Chloroform	7.67	83	136231	18.521	ug/l	94
31) Cyclohexane	7.95	56	134005	17.330	ug/l #	93
32) 1,1,1-Trichloroethane	7.87	97	117842	18.548	ug/l	100
36) 1,1-Dichloropropene	8.07	75	109751	19.178	ug/l	98
37) Ethyl Acetate	7.25	43	48263	19.062	ug/l	96
38) Carbon Tetrachloride	8.06	117	112051	19.458	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	139746	18.589	ug/l	98
40) Benzene	8.32	78	299616	18.868	ug/l	99
41) Methacrylonitrile	7.48	41	28980	19.331	ug/l	97
42) 1,2-Dichloroethane	8.40	62	88957	19.331	ug/l	100
43) Isopropyl Acetate	8.42	43	97199	18.479	ug/l	98
44) Trichloroethene	9.09	130	83429	19.320	ug/l	99
45) 1,2-Dichloropropane	9.37	63	73686	18.610	ug/l	97
46) Dibromomethane	9.45	93	39202	19.250	ug/l	97
47) Bromodichloromethane	9.64	83	101304	18.807	ug/l	98
48) Methyl methacrylate	9.43	41	45524	17.700	ug/l	97
49) 1,4-Dioxane	9.45	88	13155	382.163	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	241494	92.932	ug/l	100
52) Toluene	10.38	92	195244	18.626	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	101607	17.727	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	115430	17.746	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	54536	19.307	ug/l	98
56) Ethyl methacrylate	10.65	69	68817	17.387	ug/l	99
57) 1,3-Dichloropropane	10.93	76	95483	18.868	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	198009	102.965	ug/l	99
59) 2-Hexanone	10.97	43	173588	94.624	ug/l	100
60) Dibromochloromethane	11.13	129	66859	18.419	ug/l	97
61) 1,2-Dibromoethane	11.23	107	52512	18.749	ug/l	100
64) Tetrachloroethene	10.86	164	72482	20.101	ug/l	98
65) Chlorobenzene	11.66	112	215643	19.836	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	76886	19.767	ug/l	98
67) Ethyl Benzene	11.73	91	382596	19.145	ug/l	98
68) m/p-Xylenes	11.84	106	297536	38.374	ug/l	97
69) o-Xylene	12.16	106	140070	19.013	ug/l	97
70) Styrene	12.18	104	222697	18.301	ug/l	98
71) Bromoform	12.35	173	40271	18.401	ug/l #	100
73) Isopropylbenzene	12.46	105	393536	18.735	ug/l	100
74) N-amyl acetate	12.27	43	93317	17.245	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	62671	18.846	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	42868m	17.500	ug/l	
77) Bromobenzene	12.75	156	90101	19.641	ug/l	93
78) n-propylbenzene	12.80	91	466658	18.497	ug/l	98
79) 2-Chlorotoluene	12.89	91	259118	18.201	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	323790	18.443	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	20050	16.166	ug/l	93
82) 4-Chlorotoluene	12.99	91	273644	18.054	ug/l	99
83) tert-Butylbenzene	13.21	119	288358	18.457	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	329756	18.479	ug/l	100
85) sec-Butylbenzene	13.38	105	414785	18.590	ug/l	100
86) p-Isopropyltoluene	13.50	119	367498	18.803	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	177626	19.173	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	177209	19.247	ug/l	99
89) n-Butylbenzene	13.83	91	353856	18.440	ug/l	99
90) Hexachloroethane	14.10	117	69975	18.308	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	159272	19.430	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	10881	17.245	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	118778	20.305	ug/l	99
94) Hexachlorobutadiene	15.24	225	74005	20.992	ug/l	99
95) Naphthalene	15.37	128	200363	19.507	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	100190	20.191	ug/l	99

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

