

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021519\
 Data File : VW008677.D
 Acq On : 15 Feb 2019 11:56
 Operator : SY/VA
 Sample : VW0215SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0215SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/18/2019 2:34:36 PM

Quant Time: Feb 16 00:54:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	399206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	602499	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	536472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	285476	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	200462	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
35) Dibromofluoromethane	7.88	113	185903	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
50) Toluene-d8	10.32	98	713443	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
62) 4-Bromofluorobenzene	12.62	95	261664	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	53764	21.027	ug/l	98
3) Chloromethane	2.21	50	66174	17.953	ug/l	97
4) Vinyl Chloride	2.37	62	90885	18.771	ug/l	97
5) Bromomethane	2.78	94	72438	18.907	ug/l	99
6) Chloroethane	2.92	64	69652	19.333	ug/l	93
7) Trichlorofluoromethane	3.25	101	68525	18.171	ug/l	98
8) Diethyl Ether	3.67	74	43373	19.274	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	78163	19.614	ug/l	98
10) Methyl Iodide	4.26	142	121853	19.591	ug/l	99
11) Tert butyl alcohol	5.18	59	30361	91.432	ug/l	99
12) 1,1-Dichloroethene	4.03	96	74471	19.108	ug/l	98
13) Acrolein	3.88	56	32046	93.669	ug/l	97
14) Allyl chloride	4.66	41	122047	18.849	ug/l	99
15) Acrylonitrile	5.37	53	88996	93.957	ug/l	98
16) Acetone	4.12	43	86633	91.731	ug/l	95
17) Carbon Disulfide	4.37	76	222149	18.888	ug/l	97
18) Methyl Acetate	4.67	43	38793	17.976	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	132446	19.359	ug/l	96
20) Methylene Chloride	4.91	84	85618	15.598	ug/l	93
21) trans-1,2-Dichloroethene	5.41	96	82620	19.358	ug/l	95
22) Diisopropyl ether	6.31	45	250273	19.204	ug/l	98
23) Vinyl Acetate	6.25	43	784339	92.732	ug/l	98
24) 1,1-Dichloroethane	6.21	63	144535	19.220	ug/l	98
25) 2-Butanone	7.17	43	125337	93.986	ug/l	96
26) 2,2-Dichloropropane	7.16	77	93265	19.853	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	88517	19.179	ug/l	98
28) Bromochloromethane	7.51	49	64284	20.250	ug/l	99
29) Tetrahydrofuran	7.52	42	81633	92.872	ug/l	98
30) Chloroform	7.67	83	144597	19.190	ug/l	96
31) Cyclohexane	7.95	56	146545	19.307	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	123946	19.477	ug/l	99
36) 1,1-Dichloropropene	8.08	75	118748	19.618	ug/l	100
37) Ethyl Acetate	7.25	43	52222	17.884	ug/l #	94
38) Carbon Tetrachloride	8.06	117	121925	20.256	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	149424	19.517	ug/l	96
40) Benzene	8.32	78	324358	19.620	ug/l	95
41) Methacrylonitrile	7.48	41	32684	19.894	ug/l	98
42) 1,2-Dichloroethane	8.40	62	100481	19.595	ug/l	99
43) Isopropyl Acetate	8.42	43	107791	18.513	ug/l	95
44) Trichloroethene	9.09	130	89782	19.587	ug/l	98
45) 1,2-Dichloropropane	9.37	63	78865	19.276	ug/l	100
46) Dibromomethane	9.46	93	44648	19.810	ug/l	97
47) Bromodichloromethane	9.64	83	105354	19.451	ug/l	98
48) Methyl methacrylate	9.44	41	49441	18.323	ug/l	98
49) 1,4-Dioxane	9.45	88	14167	393.799	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	279988	93.613	ug/l	100
52) Toluene	10.38	92	208252	19.527	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	107588	18.908	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	123619	19.165	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	59462	19.228	ug/l	98
56) Ethyl methacrylate	10.65	69	75857	18.473	ug/l	98
57) 1,3-Dichloropropane	10.93	76	104997	19.136	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	203939	103.532	ug/l	99
59) 2-Hexanone	10.97	43	198907	94.667	ug/l	97
60) Dibromochloromethane	11.13	129	69475	18.776	ug/l	99
61) 1,2-Dibromoethane	11.24	107	59824	19.648	ug/l	99
64) Tetrachloroethene	10.86	164	78203	19.603	ug/l	99
65) Chlorobenzene	11.66	112	224833	19.444	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	79492	19.406	ug/l	98
67) Ethyl Benzene	11.73	91	395107	19.183	ug/l	97
68) m/p-Xylenes	11.84	106	310880	38.791	ug/l	100
69) o-Xylene	12.17	106	147561	19.479	ug/l	99
70) Styrene	12.18	104	232102	18.759	ug/l	99
71) Bromoform	12.35	173	41729	18.907	ug/l #	98
73) Isopropylbenzene	12.46	105	402498	18.928	ug/l	99
74) N-amyl acetate	12.27	43	105660	18.375	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	71338	19.282	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	60884m	21.598	ug/l	
77) Bromobenzene	12.75	156	95540	19.546	ug/l	97
78) n-propylbenzene	12.80	91	488882	19.349	ug/l	99
79) 2-Chlorotoluene	12.89	91	273611	19.161	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	336588	19.057	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	19659	17.121	ug/l	94
82) 4-Chlorotoluene	12.99	91	284583	18.805	ug/l	98
83) tert-Butylbenzene	13.21	119	297645	19.407	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	350769	19.322	ug/l	99
85) sec-Butylbenzene	13.38	105	429277	19.223	ug/l	100
86) p-Isopropyltoluene	13.50	119	384020	19.223	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	190931	19.268	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	190667	19.524	ug/l	98
89) n-Butylbenzene	13.83	91	364968	19.225	ug/l	99
90) Hexachloroethane	14.10	117	66918	19.173	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	170739	19.448	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	12262	19.072	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	125416	20.068	ug/l	99
94) Hexachlorobutadiene	15.24	225	75833	20.846	ug/l	98
95) Naphthalene	15.37	128	216418	19.324	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	108832	20.294	ug/l	99

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

