

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070318\
 Data File : VW003709.D
 Acq On : 03 Jul 2018 19:44
 Operator : SY/AP
 Sample : J3845-15MSD
 Misc : 5.03G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GF-G-9MSD

Manual Integrations
 APPROVED

apatel
 7/5/2018 11:12:09 AM

Quant Time: Jul 05 02:52:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 08:55:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	214326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	330024	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	310081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	158290	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	129635	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
35) Dibromofluoromethane	7.88	113	118346	54.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.96%	
50) Toluene-d8	10.33	98	472479	55.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.84%	
62) 4-Bromofluorobenzene	12.62	95	160698	52.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	54162	46.978	ug/l	99
3) Chloromethane	2.21	50	87489	51.245	ug/l	99
4) Vinyl Chloride	2.36	62	126074	54.124	ug/l	100
5) Bromomethane	2.78	94	78902	51.663	ug/l	97
6) Chloroethane	2.92	64	73157	52.195	ug/l	95
7) Trichlorofluoromethane	3.25	101	59055	47.676	ug/l	98
8) Diethyl Ether	3.67	74	55936	48.804	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	105002	51.010	ug/l	99
10) Methyl Iodide	4.26	142	156774	51.866	ug/l	99
11) Tert butyl alcohol	5.21	59	30014	187.716	ug/l #	89
12) 1,1-Dichloroethene	4.03	96	102407	49.914	ug/l	99
13) Acrolein	3.89	56	5077	65.440	ug/l	94
14) Allyl chloride	4.66	41	177930	50.708	ug/l	98
15) Acrylonitrile	5.37	53	110015	206.963	ug/l	99
16) Acetone	4.13	43	118092	193.611	ug/l	97
17) Carbon Disulfide	4.37	76	304512	49.441	ug/l	100
18) Methyl Acetate	4.67	43	99773	74.921	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	194122	48.439	ug/l	99
20) Methylene Chloride	4.91	84	121331	52.062	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	111800	49.755	ug/l	98
22) Diisopropyl ether	6.31	45	372637	51.797	ug/l	99
23) Vinyl Acetate	6.26	43	774641	163.867	ug/l	99
24) 1,1-Dichloroethane	6.21	63	221146	51.547	ug/l	99
25) 2-Butanone	7.18	43	159378	204.067	ug/l	95
26) 2,2-Dichloropropane	7.17	77	124773	47.433	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	124400	50.839	ug/l	98
28) Bromochloromethane	7.51	49	93856	49.768	ug/l	100
29) Tetrahydrofuran	7.54	42	99794	213.156	ug/l	100
30) Chloroform	7.68	83	224708	51.798	ug/l	99
31) Cyclohexane	7.95	56	193381	49.505	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	177787	52.646	ug/l	100
36) 1,1-Dichloropropene	8.08	75	177661	53.627	ug/l	100
37) Ethyl Acetate	7.26	43	59930	37.164	ug/l	99
38) Carbon Tetrachloride	8.07	117	168741	53.543	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	195442	51.229	ug/l	99
40) Benzene	8.32	78	501559	53.865	ug/l	99
41) Methacrylonitrile	7.49	41	41026	44.760	ug/l	98
42) 1,2-Dichloroethane	8.40	62	148617	50.690	ug/l	99
43) Isopropyl Acetate	8.43	43	124670	41.049	ug/l	98
44) Trichloroethene	9.09	130	126716	52.642	ug/l	100
45) 1,2-Dichloropropane	9.37	63	128134	53.047	ug/l	99
46) Dibromomethane	9.46	93	61875	49.325	ug/l	99
47) Bromodichloromethane	9.65	83	164905	53.179	ug/l	97
48) Methyl methacrylate	9.44	41	70777	44.497	ug/l	98
49) 1,4-Dioxane	9.46	88	15764	801.076	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	364310	227.643	ug/l	99
52) Toluene	10.39	92	316412	54.453	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	160477	49.882	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	187875	51.511	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	86348	48.858	ug/l	97
56) Ethyl methacrylate	10.65	69	102299	41.449	ug/l	100
57) 1,3-Dichloropropane	10.93	76	151990	49.506	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	214242	226.793	ug/l	100
59) 2-Hexanone	10.98	43	259308	226.669	ug/l	98
60) Dibromochloromethane	11.13	129	103837	50.259	ug/l	99
61) 1,2-Dibromoethane	11.24	107	80320	47.448	ug/l	99
64) Tetrachloroethene	10.87	164	114449	54.609	ug/l	96
65) Chlorobenzene	11.66	112	337320	51.744	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	121870	53.492	ug/l	99
67) Ethyl Benzene	11.74	91	617122	54.028	ug/l	99
68) m/p-Xylenes	11.84	106	469859	108.172	ug/l	99
69) o-Xylene	12.17	106	220336	54.872	ug/l	100
70) Styrene	12.19	104	363591	53.910	ug/l	98
71) Bromoform	12.35	173	60490	47.784	ug/l #	100
73) Isopropylbenzene	12.47	105	602897	55.993	ug/l	100
74) N-amyl acetate	12.28	43	101928	35.850	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	101652	48.266	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	67081m	47.132	ug/l	
77) Bromobenzene	12.75	156	136708	52.904	ug/l	99
78) n-propylbenzene	12.81	91	728053	54.734	ug/l	100
79) 2-Chlorotoluene	12.90	91	415007	54.828	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	506023	55.554	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	31016	46.176	ug/l	98
82) 4-Chlorotoluene	12.99	91	434425	54.066	ug/l	99
83) tert-Butylbenzene	13.21	119	428546	55.775	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	521425	55.605	ug/l	100
85) sec-Butylbenzene	13.39	105	602837	52.726	ug/l	100
86) p-Isopropyltoluene	13.51	119	534056	53.403	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	270616	51.600	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	267191	50.984	ug/l	99
89) n-Butylbenzene	13.83	91	488462	49.404	ug/l	99
90) Hexachloroethane	14.10	117	99242	53.416	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	243348	51.895	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16924	46.120	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	146110	44.190	ug/l	99
94) Hexachlorobutadiene	15.24	225	73970	38.735	ug/l	99
95) Naphthalene	15.38	128	269828	44.996	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	132846	45.104	ug/l	99

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

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