

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070318\
 Data File : VW003691.D
 Acq On : 03 Jul 2018 11:55
 Operator : SY/AP
 Sample : VW0703SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0703SBS01

Manual Integrations
 APPROVED

apatel
 7/5/2018 11:12:02 AM

Quant Time: Jul 03 13:42:07 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	248848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	387259	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	361426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	190485	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	153809	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
35) Dibromofluoromethane	7.88	113	135121	53.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.00%	
50) Toluene-d8	10.33	98	541951	54.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.32%	
62) 4-Bromofluorobenzene	12.62	95	192986	54.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.36%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	23872m	20.854	ug/l
3) Chloromethane	2.20	50	36716	18.522	ug/l
4) Vinyl Chloride	2.36	62	48813	18.048	ug/l
5) Bromomethane	2.78	94	32807	18.501	ug/l
6) Chloroethane	2.92	64	30900	18.988	ug/l
7) Trichlorofluoromethane	3.25	101	24845	17.275	ug/l
8) Diethyl Ether	3.67	74	23457	17.627	ug/l
9) 1,1,2-Trichlorotrifluoroet	4.06	101	46190	19.326	ug/l
10) Methyl Iodide	4.26	142	63682	18.145	ug/l
11) Tert butyl alcohol	5.23	59	16649	89.682	ug/l
12) 1,1-Dichloroethene	4.03	96	42164	17.700	ug/l
13) Acrolein	3.90	56	10005	111.070	ug/l
14) Allyl chloride	4.66	41	73206	17.969	ug/l
15) Acrylonitrile	5.37	53	54821	88.823	ug/l
16) Acetone	4.14	43	62142	87.747	ug/l
17) Carbon Disulfide	4.37	76	119648	16.731	ug/l
18) Methyl Acetate	4.67	43	27045	18.048	ug/l
19) Methyl tert-butyl Ether	5.43	73	86156	18.516	ug/l
20) Methylene Chloride	4.91	84	55006	18.149	ug/l
21) trans-1,2-Dichloroethene	5.41	96	47705	18.285	ug/l
22) Diisopropyl ether	6.31	45	155990	18.675	ug/l
23) Vinyl Acetate	6.26	43	461498	90.832	ug/l
24) 1,1-Dichloroethane	6.21	63	93500	18.770	ug/l
25) 2-Butanone	7.18	43	79611	87.793	ug/l
26) 2,2-Dichloropropane	7.17	77	58326	19.097	ug/l
27) cis-1,2-Dichloroethene	7.17	96	51736	18.210	ug/l
28) Bromochloromethane	7.51	49	44185	20.179	ug/l
29) Tetrahydrofuran	7.54	42	47862	88.049	ug/l
30) Chloroform	7.68	83	94463	18.754	ug/l
31) Cyclohexane	7.95	56	79864	17.609	ug/l
32) 1,1,1-Trichloroethane	7.87	97	74867	19.094	ug/l
36) 1,1-Dichloropropene	8.08	75	73550	18.920	ug/l
37) Ethyl Acetate	7.26	43	34985	18.489	ug/l
38) Carbon Tetrachloride	8.07	117	71963	19.460	ug/l

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	80778	18.044	ug/l	99
40) Benzene	8.32	78	206379	18.888	ug/l	100
41) Methacrylonitrile	7.49	41	18368	17.078	ug/l	95
42) 1,2-Dichloroethane	8.40	62	64947	18.878	ug/l	98
43) Isopropyl Acetate	8.43	43	64088	17.983	ug/l	100
44) Trichloroethene	9.09	130	53022	18.772	ug/l	99
45) 1,2-Dichloropropane	9.37	63	53476	18.867	ug/l	98
46) Dibromomethane	9.46	93	27278	18.531	ug/l	99
47) Bromodichloromethane	9.65	83	68930	18.943	ug/l	99
48) Methyl methacrylate	9.44	41	29990	18.217	ug/l	99
49) 1,4-Dioxane	9.48	88	8626	373.560	ug/l #	98
51) 4-Methyl-2-Pentanone	10.22	43	170675	90.886	ug/l	100
52) Toluene	10.39	92	132313	19.405	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	69388	18.381	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	79331	18.536	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	39200	18.902	ug/l	95
56) Ethyl methacrylate	10.65	69	46853	18.363	ug/l	99
57) 1,3-Dichloropropane	10.94	76	69234	19.218	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	106122	95.736	ug/l	100
59) 2-Hexanone	10.98	43	125161	93.237	ug/l	97
60) Dibromochloromethane	11.13	129	45034	18.576	ug/l	100
61) 1,2-Dibromoethane	11.24	107	36107	18.177	ug/l	98
64) Tetrachloroethene	10.87	164	45918	18.797	ug/l	98
65) Chlorobenzene	11.66	112	145407	19.136	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	51559	19.416	ug/l	99
67) Ethyl Benzene	11.74	91	253695	19.055	ug/l	100
68) m/p-Xylenes	11.85	106	193090	38.138	ug/l	98
69) o-Xylene	12.17	106	88652	18.941	ug/l	100
70) Styrene	12.19	104	150945	19.201	ug/l	99
71) Bromoform	12.35	173	26687	18.086	ug/l #	100
73) Isopropylbenzene	12.47	105	250970	19.369	ug/l	99
74) N-amyl acetate	12.28	43	61770	18.054	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	47197	18.622	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	33861m	19.770	ug/l	
77) Bromobenzene	12.75	156	60097	19.326	ug/l	99
78) n-propylbenzene	12.81	91	315788	19.728	ug/l	99
79) 2-Chlorotoluene	12.90	91	175370	19.253	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	216459	19.747	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	14273	17.658	ug/l	97
82) 4-Chlorotoluene	12.99	91	187903	19.433	ug/l	99
83) tert-Butylbenzene	13.21	119	180443	19.515	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	224374	19.883	ug/l	99
85) sec-Butylbenzene	13.39	105	270006	19.624	ug/l	99
86) p-Isopropyltoluene	13.51	119	239892	19.934	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	123710	19.602	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	123130	19.524	ug/l	99
89) n-Butylbenzene	13.84	91	237107	19.928	ug/l	98
90) Hexachloroethane	14.10	117	43761	19.573	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	109884	19.472	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8024	18.171	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	77472	19.471	ug/l	100
94) Hexachlorobutadiene	15.25	225	45961	20.000	ug/l	99
95) Naphthalene	15.38	128	131897	18.277	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	68115	19.218	ug/l	100

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

