

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070518\
 Data File : VW003715.D
 Acq On : 05 Jul 2018 12:41
 Operator : SY/AP
 Sample : VW0705SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0705SBS01

Manual Integrations
 APPROVED

apatel
 7/6/2018 10:02:08 AM

Quant Time: Jul 06 02:54:32 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	263953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	412277	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	381160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	204282	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	150250	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
35) Dibromofluoromethane	7.88	113	133626	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
50) Toluene-d8	10.33	98	532004	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
62) 4-Bromofluorobenzene	12.62	95	191547	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	21968	18.737	ug/l	99
3) Chloromethane	2.21	50	34999	16.646	ug/l	100
4) Vinyl Chloride	2.36	62	49240	17.164	ug/l	97
5) Bromomethane	2.78	94	32919	17.502	ug/l	100
6) Chloroethane	2.92	64	30926	17.916	ug/l	99
7) Trichlorofluoromethane	3.25	101	27540	18.053	ug/l	85
8) Diethyl Ether	3.67	74	26478	18.759	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	48942	19.306	ug/l	99
10) Methyl Iodide	4.26	142	67380	18.100	ug/l	100
11) Tert butyl alcohol	5.21	59	18225	92.554	ug/l #	83
12) 1,1-Dichloroethene	4.03	96	46693	18.480	ug/l	94
13) Acrolein	3.89	56	10740	112.406	ug/l	89
14) Allyl chloride	4.65	41	79996	18.512	ug/l	100
15) Acrylonitrile	5.37	53	59425	90.773	ug/l	100
16) Acetone	4.14	43	67002	89.196	ug/l	99
17) Carbon Disulfide	4.37	76	128635	16.959	ug/l	99
18) Methyl Acetate	4.68	43	29953	18.813	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	90425	18.321	ug/l	97
20) Methylene Chloride	4.90	84	64252	20.349	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	49878	18.024	ug/l	94
22) Diisopropyl ether	6.31	45	169676	19.151	ug/l	98
23) Vinyl Acetate	6.26	43	490213	90.942	ug/l	100
24) 1,1-Dichloroethane	6.21	63	99954	18.918	ug/l	99
25) 2-Butanone	7.18	43	85659	89.057	ug/l	98
26) 2,2-Dichloropropane	7.17	77	61688	19.042	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	56386	18.711	ug/l	100
28) Bromochloromethane	7.51	49	45327	19.516	ug/l	98
29) Tetrahydrofuran	7.54	42	50397	87.407	ug/l	100
30) Chloroform	7.68	83	102850	19.251	ug/l	96
31) Cyclohexane	7.95	56	86566	17.994	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	80461	19.346	ug/l	99
36) 1,1-Dichloropropene	8.09	75	78737	19.025	ug/l	99
37) Ethyl Acetate	7.26	43	36071	17.906	ug/l	99
38) Carbon Tetrachloride	8.07	117	76981	19.553	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	86438	18.137	ug/l	99
40) Benzene	8.32	78	219370	18.859	ug/l	98
41) Methacrylonitrile	7.49	41	22397	19.560	ug/l	93
42) 1,2-Dichloroethane	8.40	62	69165	18.884	ug/l	98
43) Isopropyl Acetate	8.43	43	68332	18.010	ug/l	100
44) Trichloroethene	9.09	130	56497	18.788	ug/l	98
45) 1,2-Dichloropropane	9.37	63	57294	18.987	ug/l	98
46) Dibromomethane	9.46	93	29756	18.988	ug/l	99
47) Bromodichloromethane	9.65	83	74092	19.126	ug/l	98
48) Methyl methacrylate	9.44	41	31615	18.072	ug/l	96
49) 1,4-Dioxane	9.48	88	9136	371.638	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	183482	91.777	ug/l	99
52) Toluene	10.39	92	140021	19.289	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	74602	18.563	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	85974	18.869	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	41797	18.932	ug/l	98
56) Ethyl methacrylate	10.65	69	49145	18.146	ug/l	99
57) 1,3-Dichloropropane	10.93	76	72640	18.940	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	114506	97.031	ug/l	99
59) 2-Hexanone	10.98	43	133868	93.672	ug/l	97
60) Dibromochloromethane	11.13	129	48366	18.739	ug/l	99
61) 1,2-Dibromoethane	11.24	107	39057	18.469	ug/l	100
64) Tetrachloroethene	10.87	164	50492	19.599	ug/l	98
65) Chlorobenzene	11.66	112	154685	19.303	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	53629	19.150	ug/l	96
67) Ethyl Benzene	11.74	91	272736	19.425	ug/l	99
68) m/p-Xylenes	11.85	106	209553	39.247	ug/l	100
69) o-Xylene	12.17	106	94876	19.222	ug/l	100
70) Styrene	12.19	104	162447	19.595	ug/l	100
71) Bromoform	12.35	173	28786	18.499	ug/l #	99
73) Isopropylbenzene	12.47	105	269253	19.377	ug/l	100
74) N-amyl acetate	12.28	43	64432	17.560	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	50796	18.689	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	34776m	18.933	ug/l	
77) Bromobenzene	12.75	156	64300	19.281	ug/l	100
78) n-propylbenzene	12.81	91	342139	19.931	ug/l	99
79) 2-Chlorotoluene	12.90	91	192428	19.699	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	232443	19.773	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	15390	17.754	ug/l	99
82) 4-Chlorotoluene	12.99	91	203320	19.607	ug/l	100
83) tert-Butylbenzene	13.21	119	194445	19.609	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	239873	19.821	ug/l	100
85) sec-Butylbenzene	13.39	105	291911	19.783	ug/l	100
86) p-Isopropyltoluene	13.51	119	254754	19.739	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	133358	19.703	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	133012	19.666	ug/l	99
89) n-Butylbenzene	13.83	91	251495	19.710	ug/l	99
90) Hexachloroethane	14.10	117	47138	19.659	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	119195	19.696	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8626	18.215	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	84080	19.704	ug/l	100
94) Hexachlorobutadiene	15.24	225	48455	19.661	ug/l	98
95) Naphthalene	15.38	128	140472	18.151	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	74473	19.593	ug/l	100

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

