

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090618\
 Data File : VW005156.D
 Acq On : 06 Sep 2018 12:00
 Operator : SY/AP
 Sample : VW0906SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS01

Manual Integrations
 APPROVED

apatel
 9/7/2018 12:29:07 PM

Quant Time: Sep 06 14:04:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	559584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	793648	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	780816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	425463	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	224798	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
35) Dibromofluoromethane	7.89	113	219089	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
50) Toluene-d8	10.33	98	1055197	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
62) 4-Bromofluorobenzene	12.62	95	386934	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	105126	23.31	ug/l	100
3) Chloromethane	2.21	50	152266	23.27	ug/l	98
4) Vinyl Chloride	2.35	62	147247	23.14	ug/l	98
5) Bromomethane	2.76	94	85470	19.01	ug/l	97
6) Chloroethane	2.91	64	83340	21.04	ug/l	100
7) Trichlorofluoromethane	3.26	101	161534	22.57	ug/l	97
8) Diethyl Ether	3.69	74	54515	21.05	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	4.06	101	109767	22.32	ug/l	98
10) Methyl Iodide	4.27	142	87065	14.76	ug/l	99
11) Tert butyl alcohol	5.20	59	40197	152.35	ug/l	96
12) 1,1-Dichloroethene	4.04	96	97454	21.54	ug/l	97
13) Acrolein	3.90	56	32548	108.10	ug/l	99
14) Allyl chloride	4.67	41	153477	21.70	ug/l	98
15) Acrylonitrile	5.38	53	121836	111.53	ug/l	99
16) Acetone	4.14	43	112688	121.13	ug/l	94
17) Carbon Disulfide	4.38	76	350866	22.25	ug/l	98
18) Methyl Acetate	4.68	43	54654	19.97	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	244013	22.21	ug/l	100
20) Methylene Chloride	4.92	84	166064	24.43	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	114522	20.77	ug/l	97
22) Diisopropyl ether	6.32	45	331103	22.25	ug/l	98
23) Vinyl Acetate	6.26	43	929752	118.92	ug/l	99
24) 1,1-Dichloroethane	6.22	63	195997	21.07	ug/l	99
25) 2-Butanone	7.18	43	184968	114.63	ug/l	96
26) 2,2-Dichloropropane	7.17	77	173051	22.64	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	122745	20.35	ug/l	96
28) Bromochloromethane	7.52	49	77202	20.62	ug/l	97
29) Tetrahydrofuran	7.54	42	93709	113.66	ug/l	97
30) Chloroform	7.68	83	193521	20.38	ug/l	95
31) Cyclohexane	7.96	56	208757	22.91	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	173404	20.97	ug/l	99
36) 1,1-Dichloropropene	8.09	75	171201	22.65	ug/l	99
37) Ethyl Acetate	7.26	43	70563	24.96	ug/l	98
38) Carbon Tetrachloride	8.07	117	154366	21.48	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	205422	22.47	ug/l	98
40) Benzene	8.33	78	491514	21.24	ug/l	97
41) Methacrylonitrile	7.49	41	39358	24.03	ug/l	98
42) 1,2-Dichloroethane	8.40	62	120363	21.25	ug/l	99
43) Isopropyl Acetate	8.43	43	122980	23.91	ug/l	99
44) Trichloroethene	9.10	130	132215	21.18	ug/l	100
45) 1,2-Dichloropropane	9.37	63	123492	21.85	ug/l	100
46) Dibromomethane	9.46	93	56444	20.88	ug/l	97
47) Bromodichloromethane	9.65	83	141804	20.83	ug/l	97
48) Methyl methacrylate	9.44	41	56117	22.66	ug/l	95
49) 1,4-Dioxane	9.47	88	19337	442.37	ug/l #	86
51) 4-Methyl-2-Pentanone	10.21	43	413580	119.97	ug/l	100
52) Toluene	10.39	92	335154	21.38	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	146761	21.94	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	181659	22.33	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	90713	21.68	ug/l	95
56) Ethyl methacrylate	10.65	69	108379	22.70	ug/l	98
57) 1,3-Dichloropropane	10.94	76	151711	22.02	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	254733	112.59	ug/l	98
59) 2-Hexanone	10.98	43	293103	125.70	ug/l	99
60) Dibromochloromethane	11.13	129	98392	20.80	ug/l	100
61) 1,2-Dibromoethane	11.24	107	80757	21.37	ug/l	98
64) Tetrachloroethene	10.87	164	119953	19.58	ug/l	98
65) Chlorobenzene	11.66	112	363901	20.70	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	110856	20.64	ug/l	100
67) Ethyl Benzene	11.74	91	635660	21.39	ug/l	100
68) m/p-Xylenes	11.85	106	516848	43.44	ug/l	99
69) o-Xylene	12.17	106	235276	21.39	ug/l	100
70) Styrene	12.19	104	394027	21.68	ug/l	100
71) Bromoform	12.35	173	58484	20.54	ug/l	99
73) Isopropylbenzene	12.47	105	641797	21.39	ug/l	100
74) N-amyl acetate	12.28	43	121926	23.60	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	100922	22.10	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	68443m	21.43	ug/l	
77) Bromobenzene	12.76	156	149259	20.19	ug/l	95
78) n-propylbenzene	12.81	91	795902	21.98	ug/l	99
79) 2-Chlorotoluene	12.90	91	449367	21.27	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	554733	21.38	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	29907	22.54	ug/l	98
82) 4-Chlorotoluene	12.99	91	476032	21.34	ug/l	99
83) tert-Butylbenzene	13.21	119	462322	21.34	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	562473	21.29	ug/l	99
85) sec-Butylbenzene	13.39	105	688324	21.62	ug/l	100
86) p-Isopropyltoluene	13.51	119	613346	21.76	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	310562	20.45	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	306221	20.33	ug/l	98
89) n-Butylbenzene	13.83	91	572952	21.94	ug/l	99
90) Hexachloroethane	14.10	117	95938	20.49	ug/l	95
91) 1,2-Dichlorobenzene	13.88	146	277325	20.95	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15627	21.90	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	185377	20.89	ug/l	99
94) Hexachlorobutadiene	15.25	225	118016	21.38	ug/l	100
95) Naphthalene	15.38	128	297430	21.83	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	162275	21.37	ug/l	100

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

