

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070918\
 Data File : VW003770.D
 Acq On : 09 Jul 2018 12:07
 Operator : SY/AP
 Sample : VW0709SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

Manual Integrations
 APPROVED

apatel
 7/10/2018 10:47:12 AM

Quant Time: Jul 09 13:49:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	250972	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	392400	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	363919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	192671	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	146160	44.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.06%	
35) Dibromofluoromethane	7.88	113	129674	47.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.44%	
50) Toluene-d8	10.32	98	518792	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
62) 4-Bromofluorobenzene	12.62	95	187331	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	28830	23.620	ug/l	98
3) Chloromethane	2.21	50	46045	19.871	ug/l	95
4) Vinyl Chloride	2.36	62	62114	20.323	ug/l	98
5) Bromomethane	2.76	94	39019	18.086	ug/l	98
6) Chloroethane	2.92	64	33661	18.365	ug/l	99
7) Trichlorofluoromethane	3.25	101	27785	22.504	ug/l	95
8) Diethyl Ether	3.67	74	21846	17.265	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	43434	18.089	ug/l	98
10) Methyl Iodide	4.26	142	62029	17.355	ug/l	100
11) Tert butyl alcohol	5.18	59	19542	109.872	ug/l	95
12) 1,1-Dichloroethene	4.02	96	41533	17.617	ug/l	89
13) Acrolein	3.89	56	20193	75.789	ug/l	98
14) Allyl chloride	4.65	41	89982	21.953	ug/l	100
15) Acrylonitrile	5.36	53	61668	97.322	ug/l	99
16) Acetone	4.12	43	51448	90.352	ug/l	97
17) Carbon Disulfide	4.37	76	143346	18.546	ug/l	99
18) Methyl Acetate	4.66	43	30011	18.694	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	94143	19.324	ug/l	97
20) Methylene Chloride	4.90	84	60354	19.034	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	57676	20.664	ug/l	98
22) Diisopropyl ether	6.31	45	176678	19.606	ug/l	99
23) Vinyl Acetate	6.25	43	530797	96.492	ug/l	99
24) 1,1-Dichloroethane	6.21	63	107527	19.729	ug/l	100
25) 2-Butanone	7.17	43	85980	96.405	ug/l	98
26) 2,2-Dichloropropane	7.17	77	64800	21.921	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	60625	19.642	ug/l	98
28) Bromochloromethane	7.51	49	45001	18.535	ug/l	98
29) Tetrahydrofuran	7.53	42	53826	93.883	ug/l	100
30) Chloroform	7.67	83	107516	19.338	ug/l	100
31) Cyclohexane	7.95	56	100144	20.910	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	86932	20.544	ug/l	99
36) 1,1-Dichloropropene	8.08	75	88204	21.185	ug/l	100
37) Ethyl Acetate	7.26	43	36977	18.252	ug/l	98
38) Carbon Tetrachloride	8.06	117	82795	20.915	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	98967	21.703	ug/l	97
40) Benzene	8.32	78	242690	20.389	ug/l	98
41) Methacrylonitrile	7.48	41	21113	18.117	ug/l	97
42) 1,2-Dichloroethane	8.40	62	73871	19.176	ug/l	99
43) Isopropyl Acetate	8.42	43	69602	18.128	ug/l	98
44) Trichloroethene	9.09	130	62813	20.932	ug/l	96
45) 1,2-Dichloropropane	9.37	63	61327	19.815	ug/l	96
46) Dibromomethane	9.46	93	30856	18.961	ug/l	99
47) Bromodichloromethane	9.65	83	77769	19.425	ug/l	98
48) Methyl methacrylate	9.44	41	33515	18.329	ug/l	96
49) 1,4-Dioxane	9.45	88	9220	379.081	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	184235	92.726	ug/l	99
52) Toluene	10.39	92	153932	20.856	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	79217	19.817	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	90365	20.026	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	43194	19.111	ug/l	96
56) Ethyl methacrylate	10.65	69	51194	18.561	ug/l	97
57) 1,3-Dichloropropane	10.93	76	76563	19.435	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	113258	87.050	ug/l	99
59) 2-Hexanone	10.98	43	127519	93.464	ug/l	99
60) Dibromochloromethane	11.13	129	49654	18.820	ug/l	99
61) 1,2-Dibromoethane	11.24	107	41188	19.056	ug/l	100
64) Tetrachloroethene	10.86	164	52900	19.652	ug/l	98
65) Chlorobenzene	11.66	112	164150	20.461	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	56793	20.258	ug/l	98
67) Ethyl Benzene	11.73	91	289293	21.089	ug/l	100
68) m/p-Xylenes	11.84	106	223277	42.505	ug/l	99
69) o-Xylene	12.17	106	101017	20.841	ug/l	100
70) Styrene	12.18	104	170981	20.744	ug/l	100
71) Bromoform	12.35	173	29805	19.264	ug/l #	98
73) Isopropylbenzene	12.47	105	282361	21.640	ug/l	100
74) N-amyl acetate	12.28	43	64936	18.360	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	51763	19.569	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	34202m	18.077	ug/l	
77) Bromobenzene	12.75	156	67858	20.948	ug/l	95
78) n-propylbenzene	12.81	91	354885	21.666	ug/l	100
79) 2-Chlorotoluene	12.90	91	198940	21.141	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	241760	21.497	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	15959	20.634	ug/l	98
82) 4-Chlorotoluene	12.99	91	215282	21.275	ug/l	100
83) tert-Butylbenzene	13.21	119	203811	21.975	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	249321	21.340	ug/l	99
85) sec-Butylbenzene	13.39	105	299219	21.566	ug/l	99
86) p-Isopropyltoluene	13.51	119	263953	21.772	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	136976	20.871	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	135661	20.556	ug/l	99
89) n-Butylbenzene	13.83	91	256277	21.490	ug/l	100
90) Hexachloroethane	14.10	117	48382	20.717	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	123264	20.867	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8562	18.699	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	84814	21.212	ug/l	99
94) Hexachlorobutadiene	15.24	225	49419	21.608	ug/l	97
95) Naphthalene	15.38	128	142081	19.882	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	74226	20.732	ug/l	98

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

