

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070918\
 Data File : VW003771.D
 Acq On : 09 Jul 2018 12:33
 Operator : SY/AP
 Sample : VW0709SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 Client Sampled :
 VW0709SBS01

Manual Integrations
 APPROVED

apatel
 7/10/2018 10:47:15 AM

Quant Time: Jul 09 13:46:48 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	266768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	420519	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	389871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	207844	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	154056	44.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.32%	
35) Dibromofluoromethane	7.88	113	135873	46.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.34%	
50) Toluene-d8	10.33	98	535629	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	
62) 4-Bromofluorobenzene	12.62	95	196183	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	26797	20.655	ug/l	97
3) Chloromethane	2.21	50	46797	19.000	ug/l	96
4) Vinyl Chloride	2.36	62	58526	18.015	ug/l	98
5) Bromomethane	2.76	94	39729	17.325	ug/l	95
6) Chloroethane	2.92	64	32666	16.767	ug/l	98
7) Trichlorofluoromethane	3.25	101	28008	21.341	ug/l	98
8) Diethyl Ether	3.67	74	27298	20.296	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	53618	21.008	ug/l	99
10) Methyl Iodide	4.26	142	77654	20.441	ug/l	99
11) Tert butyl alcohol	5.18	59	18937	100.166	ug/l	98
12) 1,1-Dichloroethene	4.03	96	53560	21.373	ug/l	90
13) Acrolein	3.89	56	28673	101.895	ug/l	100
14) Allyl chloride	4.66	41	94386	21.664	ug/l	98
15) Acrylonitrile	5.37	53	68106	101.118	ug/l	98
16) Acetone	4.12	43	69723	115.195	ug/l	97
17) Carbon Disulfide	4.37	76	173828	21.158	ug/l	100
18) Methyl Acetate	4.67	43	32326	18.943	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	102636	19.820	ug/l	97
20) Methylene Chloride	4.90	84	65552	19.554	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	59698	20.122	ug/l	98
22) Diisopropyl ether	6.31	45	187892	19.616	ug/l	96
23) Vinyl Acetate	6.26	43	575934	98.498	ug/l	100
24) 1,1-Dichloroethane	6.21	63	111904	19.317	ug/l	98
25) 2-Butanone	7.18	43	93272	98.388	ug/l	100
26) 2,2-Dichloropropane	7.17	77	68152	21.689	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	63649	19.401	ug/l	100
28) Bromochloromethane	7.51	49	48952	18.968	ug/l	99
29) Tetrahydrofuran	7.54	42	59896	98.285	ug/l	100
30) Chloroform	7.68	83	112052	18.961	ug/l	99
31) Cyclohexane	7.95	56	102645	20.163	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	89320	19.859	ug/l	100
36) 1,1-Dichloropropene	8.08	75	89777	20.121	ug/l	99
37) Ethyl Acetate	7.26	43	41387	19.063	ug/l	100
38) Carbon Tetrachloride	8.07	117	84856	20.002	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	102263	20.926	ug/l	98
40) Benzene	8.32	78	250215	19.615	ug/l	98
41) Methacrylonitrile	7.49	41	21106	16.900	ug/l	94
42) 1,2-Dichloroethane	8.40	62	77526	18.779	ug/l	100
43) Isopropyl Acetate	8.43	43	75544	18.360	ug/l	98
44) Trichloroethene	9.09	130	64226	19.972	ug/l	96
45) 1,2-Dichloropropane	9.37	63	63262	19.074	ug/l	98
46) Dibromomethane	9.46	93	33466	19.189	ug/l	99
47) Bromodichloromethane	9.65	83	81408	18.975	ug/l	100
48) Methyl methacrylate	9.44	41	37048	18.906	ug/l	98
49) 1,4-Dioxane	9.46	88	10038	385.116	ug/l #	90
51) 4-Methyl-2-Pentanone	10.21	43	202049	94.892	ug/l	99
52) Toluene	10.39	92	157728	19.941	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	84266	19.671	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	95877	19.827	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	46286	19.109	ug/l	98
56) Ethyl methacrylate	10.65	69	55457	18.762	ug/l	96
57) 1,3-Dichloropropane	10.93	76	80129	18.980	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	122860	87.954	ug/l	100
59) 2-Hexanone	10.98	43	142862	97.708	ug/l	99
60) Dibromochloromethane	11.13	129	53715	18.998	ug/l	100
61) 1,2-Dibromoethane	11.24	107	44180	19.073	ug/l	100
64) Tetrachloroethene	10.87	164	55357	19.196	ug/l	98
65) Chlorobenzene	11.66	112	172793	20.105	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	58893	19.609	ug/l	100
67) Ethyl Benzene	11.74	91	300122	20.422	ug/l	99
68) m/p-Xylenes	11.85	106	231517	41.140	ug/l	100
69) o-Xylene	12.17	106	105216	20.262	ug/l	100
70) Styrene	12.19	104	178096	20.169	ug/l	100
71) Bromoform	12.35	173	31823	19.199	ug/l #	99
73) Isopropylbenzene	12.47	105	292786	20.801	ug/l	100
74) N-amyl acetate	12.28	43	71704	18.794	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	55964	19.613	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	45414m	22.251	ug/l	
77) Bromobenzene	12.75	156	69959	20.020	ug/l	98
78) n-propylbenzene	12.81	91	365609	20.692	ug/l	100
79) 2-Chlorotoluene	12.90	91	204639	20.159	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	252448	20.809	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	17306	20.742	ug/l	97
82) 4-Chlorotoluene	12.99	91	222953	20.425	ug/l	99
83) tert-Butylbenzene	13.21	119	208659	20.855	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	259818	20.615	ug/l	99
85) sec-Butylbenzene	13.39	105	310095	20.719	ug/l	100
86) p-Isopropyltoluene	13.51	119	275170	21.040	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	143169	20.222	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	143268	20.123	ug/l	99
89) n-Butylbenzene	13.83	91	265668	20.651	ug/l	100
90) Hexachloroethane	14.10	117	50071	19.875	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	128034	20.092	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9512	19.258	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	88236	20.457	ug/l	99
94) Hexachlorobutadiene	15.25	225	49532	20.076	ug/l	99
95) Naphthalene	15.38	128	154364	20.024	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	76582	19.829	ug/l	98

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

