

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092718\
 Data File : VW005692.D
 Acq On : 27 Sep 2018 11:51
 Operator : VA/AP
 Sample : VW0927SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0927SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/28/2018 11:06:21 AM

Quant Time: Sep 28 01:45:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	235089	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	344748	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	317040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	172763	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	129865	46.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.78%	
35) Dibromofluoromethane	7.89	113	114315	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
50) Toluene-d8	10.33	98	465073	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
62) 4-Bromofluorobenzene	12.62	95	171705	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	29492	18.826	ug/l	96
3) Chloromethane	2.21	50	32166	17.021	ug/l	100
4) Vinyl Chloride	2.37	62	49921	22.100	ug/l	95
5) Bromomethane	2.79	94	30433	19.936	ug/l	96
6) Chloroethane	2.93	64	28527	19.681	ug/l	97
7) Trichlorofluoromethane	3.26	101	34684	19.632	ug/l	95
8) Diethyl Ether	3.68	74	22146	19.189	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	47674	21.317	ug/l	99
10) Methyl Iodide	4.27	142	70147	20.395	ug/l	98
11) Tert butyl alcohol	5.23	59	12656	86.959	ug/l #	72
12) 1,1-Dichloroethene	4.03	96	45176	21.100	ug/l	98
13) Acrolein	3.90	56	9816	90.063	ug/l	97
14) Allyl chloride	4.67	41	74197	19.857	ug/l	98
15) Acrylonitrile	5.38	53	43619	85.126	ug/l	99
16) Acetone	4.15	43	49081	107.344	ug/l	98
17) Carbon Disulfide	4.37	76	135294	20.224	ug/l	99
18) Methyl Acetate	4.68	43	19896	15.157	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	60638	18.349	ug/l	98
20) Methylene Chloride	4.91	84	56714	22.044	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	46842	19.975	ug/l	95
22) Diisopropyl ether	6.32	45	141619	19.524	ug/l	99
23) Vinyl Acetate	6.26	43	377650	91.088	ug/l	99
24) 1,1-Dichloroethane	6.22	63	89040	19.868	ug/l	98
25) 2-Butanone	7.18	43	57587	85.612	ug/l	97
26) 2,2-Dichloropropane	7.17	77	64940	20.756	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	50892	19.676	ug/l	98
28) Bromochloromethane	7.51	49	33064	18.625	ug/l	100
29) Tetrahydrofuran	7.54	42	34571	82.267	ug/l	99
30) Chloroform	7.68	83	91582	19.794	ug/l	100
31) Cyclohexane	7.96	56	85097	19.819	ug/l	93
32) 1,1,1-Trichloroethane	7.88	97	82843	20.268	ug/l	98
36) 1,1-Dichloropropene	8.09	75	73053	21.050	ug/l	100
37) Ethyl Acetate	7.26	43	25403	17.394	ug/l	99
38) Carbon Tetrachloride	8.07	117	78462	21.098	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	87844	21.454	ug/l	97
40) Benzene	8.33	78	204214	20.768	ug/l	100
41) Methacrylonitrile	7.49	41	15401	18.532	ug/l	98
42) 1,2-Dichloroethane	8.40	62	61189	19.436	ug/l	97
43) Isopropyl Acetate	8.43	43	50312	17.522	ug/l	99
44) Trichloroethene	9.09	130	52777	20.969	ug/l	99
45) 1,2-Dichloropropane	9.37	63	48045	19.861	ug/l	98
46) Dibromomethane	9.46	93	22721	18.798	ug/l	95
47) Bromodichloromethane	9.65	83	63863	19.669	ug/l	98
48) Methyl methacrylate	9.44	41	23512	17.240	ug/l	96
49) 1,4-Dioxane	9.48	88	6686	347.922	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	124663	86.200	ug/l	100
52) Toluene	10.39	92	130241	21.228	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	64421	19.791	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	73609	20.183	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	33055	19.266	ug/l	94
56) Ethyl methacrylate	10.65	69	39388	18.597	ug/l	99
57) 1,3-Dichloropropane	10.94	76	57898	19.040	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	89579	93.302	ug/l	97
59) 2-Hexanone	10.98	43	89303	90.899	ug/l	99
60) Dibromochloromethane	11.13	129	39867	19.231	ug/l	95
61) 1,2-Dibromoethane	11.24	107	30770	19.235	ug/l	98
64) Tetrachloroethene	10.87	164	45942	20.417	ug/l	97
65) Chlorobenzene	11.66	112	141186	20.977	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.74	131	49129	20.282	ug/l	99
67) Ethyl Benzene	11.74	91	249918	20.920	ug/l	99
68) m/p-Xylenes	11.85	106	192049	42.551	ug/l	100
69) o-Xylene	12.17	106	88242	20.876	ug/l	99
70) Styrene	12.19	104	146537	20.600	ug/l	100
71) Bromoform	12.35	173	24558	19.099	ug/l #	100
73) Isopropylbenzene	12.47	105	257371	21.482	ug/l	100
74) N-amyl acetate	12.28	43	47277	17.427	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	36412	18.297	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	26564m	18.038	ug/l	
77) Bromobenzene	12.75	156	58279	20.754	ug/l	96
78) n-propylbenzene	12.81	91	313030	21.581	ug/l	99
79) 2-Chlorotoluene	12.90	91	176199	20.996	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	224180	21.519	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11613	17.761	ug/l	97
82) 4-Chlorotoluene	12.99	91	189228	21.342	ug/l	99
83) tert-Butylbenzene	13.21	119	189556	21.658	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	230368	21.913	ug/l	99
85) sec-Butylbenzene	13.39	105	278199	21.917	ug/l	100
86) p-Isopropyltoluene	13.51	119	250840	22.047	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	119934	20.888	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	119167	20.868	ug/l	100
89) n-Butylbenzene	13.83	91	235407	21.936	ug/l	99
90) Hexachloroethane	14.10	117	42832	20.771	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	103833	20.485	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6598	17.402	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	75253	20.812	ug/l	99
94) Hexachlorobutadiene	15.25	225	51725	22.081	ug/l	99
95) Naphthalene	15.38	128	115276	18.954	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	65746	20.633	ug/l	99

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

