

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012220\
 Data File : VW014713.D
 Acq On : 22 Jan 2020 15:07
 Operator : SY/VA
 Sample : VW0122SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/23/2020 2:33:07 PM

Quant Time: Jan 22 15:34:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	707132	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1064008	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	924624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	452458	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	350001	56.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.22%	
35) Dibromofluoromethane	7.88	113	334026	54.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.86%	
50) Toluene-d8	10.32	98	1381405	54.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.86%	
62) 4-Bromofluorobenzene	12.62	95	470437	54.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.30%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.01	85	84899	21.264	ug/l	100
3) Chloromethane	2.21	50	120462	24.649	ug/l	100
4) Vinyl Chloride	2.35	62	168823	23.487	ug/l	100
5) Bromomethane	2.76	94	100382	22.607	ug/l	99
6) Chloroethane	2.91	64	93090	22.719	ug/l	99
7) Trichlorofluoromethane	3.25	101	88150	24.511	ug/l	98
8) Diethyl Ether	3.67	74	77639	21.697	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	150864	22.451	ug/l	99
10) Methyl Iodide	4.26	142	210147	20.727	ug/l	98
11) Tert butyl alcohol	5.15	59	55065	101.931	ug/l	100
12) 1,1-Dichloroethene	4.03	96	152122	21.617	ug/l	92
13) Acrolein	3.89	56	50323	93.257	ug/l	99
14) Allyl chloride	4.66	41	245949	22.871	ug/l	98
15) Acrylonitrile	5.36	53	174937	106.953	ug/l	99
16) Acetone	4.12	43	174652	100.044	ug/l	97
17) Carbon Disulfide	4.38	76	452204	21.321	ug/l	99
18) Methyl Acetate	4.67	43	90658	21.502	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	197934	22.659	ug/l	99
20) Methylene Chloride	4.91	84	195804	25.518	ug/l	90
21) trans-1,2-Dichloroethene	5.42	96	165413	22.138	ug/l	94
22) Diisopropyl ether	6.31	45	477800	23.738	ug/l	99
23) Vinyl Acetate	6.24	43	1368665	112.605	ug/l	98
24) 1,1-Dichloroethane	6.21	63	291441	22.954	ug/l	99
25) 2-Butanone	7.17	43	234352	104.604	ug/l	95
26) 2,2-Dichloropropane	7.16	77	165584	23.556	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	172239	21.938	ug/l	95
28) Bromochloromethane	7.50	49	101279	20.347	ug/l	95
29) Tetrahydrofuran	7.52	42	147395	106.198	ug/l	97
30) Chloroform	7.67	83	273035	22.996	ug/l	99
31) Cyclohexane	7.95	56	293348	22.232	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	223029	23.356	ug/l	99
36) 1,1-Dichloropropene	8.07	75	231249	22.544	ug/l	99
37) Ethyl Acetate	7.24	43	102637	22.062	ug/l	98
38) Carbon Tetrachloride	8.06	117	199757	22.447	ug/l	99

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Quant Time: Jan 22 15:34:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	286751	21.784	ug/l	95
40) Benzene	8.32	78	655170	22.575	ug/l	100
41) Methacrylonitrile	7.48	41	62444	24.079	ug/l	89
42) 1,2-Dichloroethane	8.40	62	172079	22.848	ug/l	98
43) Isopropyl Acetate	8.42	43	182650	21.621	ug/l	99
44) Trichloroethene	9.09	130	172102	21.915	ug/l	97
45) 1,2-Dichloropropane	9.37	63	162297	22.789	ug/l	99
46) Dibromomethane	9.45	93	76754	21.831	ug/l	97
47) Bromodichloromethane	9.64	83	195445	22.517	ug/l	98
48) Methyl methacrylate	9.43	41	88821	21.535	ug/l	98
49) 1,4-Dioxane	9.44	88	26152	397.704	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	473954	108.038	ug/l	99
52) Toluene	10.38	92	411591	22.543	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	195614	21.766	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	241251	21.964	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	111149	21.647	ug/l	99
56) Ethyl methacrylate	10.64	69	140264	21.019	ug/l	96
57) 1,3-Dichloropropane	10.93	76	199689	22.127	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	218796	107.807	ug/l	98
59) 2-Hexanone	10.96	43	320239	105.935	ug/l	98
60) Dibromochloromethane	11.13	129	122301	21.110	ug/l	97
61) 1,2-Dibromoethane	11.23	107	103240	21.182	ug/l	100
64) Tetrachloroethene	10.86	164	143806	21.483	ug/l	98
65) Chlorobenzene	11.65	112	415070	21.912	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	140338	22.004	ug/l	98
67) Ethyl Benzene	11.73	91	764956	22.408	ug/l	98
68) m/p-Xylenes	11.83	106	577029	44.165	ug/l	97
69) o-Xylene	12.16	106	264188	21.891	ug/l	99
70) Styrene	12.18	104	450274	22.058	ug/l	99
71) Bromoform	12.35	173	70254	20.194	ug/l #	99
73) Isopropylbenzene	12.46	105	736088	22.172	ug/l	99
74) N-amyl acetate	12.27	43	160609	21.576	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	126955	21.186	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	98437m	23.010	ug/l	
77) Bromobenzene	12.74	156	164855	21.380	ug/l	96
78) n-propylbenzene	12.80	91	883123	22.622	ug/l	98
79) 2-Chlorotoluene	12.89	91	496593	22.353	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	620068	22.244	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	40058	20.863	ug/l	93
82) 4-Chlorotoluene	12.99	91	516123	22.361	ug/l	99
83) tert-Butylbenzene	13.20	119	537240	22.013	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	617933	22.276	ug/l	100
85) sec-Butylbenzene	13.38	105	750163	22.206	ug/l	99
86) p-Isopropyltoluene	13.49	119	687278	22.320	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	327165	21.820	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	323058	21.824	ug/l	99
89) n-Butylbenzene	13.82	91	645352	22.570	ug/l	98
90) Hexachloroethane	14.09	117	114750	21.333	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	287592	21.822	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	19446	20.493	ug/l	95

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Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	195487	21.966	ug/l	100
94) Hexachlorobutadiene	15.23	225	126345	21.185	ug/l	99
95) Naphthalene	15.36	128	313967	20.686	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	166126	21.415	ug/l	98

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

