

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062220\
 Data File : VW015649.D
 Acq On : 22 Jun 2020 15:01
 Operator : SY/VA
 Sample : VW0622SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0622SBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/23/2020 11:00:52 AM

Quant Time: Jun 23 06:17:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060220S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 02 13:57:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	222803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	346064	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	320093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	162992	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	116303	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
35) Dibromofluoromethane	7.89	113	100604	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
50) Toluene-d8	10.32	98	414771	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
62) 4-Bromofluorobenzene	12.62	95	152967	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	23548	18.919	ug/l	96
3) Chloromethane	2.21	50	28278	18.485	ug/l	99
4) Vinyl Chloride	2.37	62	47070	19.743	ug/l	99
5) Bromomethane	2.78	94	34147	20.317	ug/l	97
6) Chloroethane	2.93	64	31765	20.583	ug/l	93
7) Trichlorofluoromethane	3.26	101	37002	20.798	ug/l	95
8) Diethyl Ether	3.68	74	20742	19.223	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	41911	19.362	ug/l	99
10) Methyl Iodide	4.27	142	58729	18.376	ug/l	100
11) Tert butyl alcohol	5.18	59	16194	81.802	ug/l	99
12) 1,1-Dichloroethene	4.04	96	41219	19.134	ug/l	98
13) Acrolein	3.89	56	14321	99.624	ug/l	98
14) Allyl chloride	4.67	41	65713	17.934	ug/l	98
15) Acrylonitrile	5.37	53	43173	96.765	ug/l	98
16) Acetone	4.13	43	43734	81.375	ug/l	98
17) Carbon Disulfide	4.38	76	114474	17.792	ug/l	98
18) Methyl Acetate	4.67	43	21780	20.624	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	63927	19.122	ug/l	99
20) Methylene Chloride	4.92	84	47605	19.313	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	46594	19.117	ug/l	100
22) Diisopropyl ether	6.32	45	129239	18.665	ug/l	97
23) Vinyl Acetate	6.26	43	386149	94.061	ug/l	100
24) 1,1-Dichloroethane	6.22	63	81805	18.751	ug/l	100
25) 2-Butanone	7.18	43	59643	94.367	ug/l	98
26) 2,2-Dichloropropane	7.17	77	55440	18.093	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	51113	19.278	ug/l	99
28) Bromochloromethane	7.51	49	33171	20.259	ug/l	100
29) Tetrahydrofuran	7.54	42	36318	96.924	ug/l	99
30) Chloroform	7.68	83	83590	19.086	ug/l	96
31) Cyclohexane	7.96	56	78595	18.448	ug/l	# 93
32) 1,1,1-Trichloroethane	7.87	97	72916	19.277	ug/l	99
36) 1,1-Dichloropropene	8.09	75	69502	19.850	ug/l	99
37) Ethyl Acetate	7.26	43	26526	19.520	ug/l	99
38) Carbon Tetrachloride	8.07	117	68913	20.102	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	85143	19.718	ug/l	99
40) Benzene	8.32	78	182912	19.358	ug/l	98
41) Methacrylonitrile	7.49	41	14972	19.181	ug/l	95
42) 1,2-Dichloroethane	8.40	62	58953	20.442	ug/l	100
43) Isopropyl Acetate	8.43	43	53704	19.893	ug/l	99
44) Trichloroethene	9.10	130	50739	20.124	ug/l	93
45) 1,2-Dichloropropane	9.37	63	45067	19.553	ug/l	98
46) Dibromomethane	9.46	93	23620	20.074	ug/l	99
47) Bromodichloromethane	9.65	83	61663	19.366	ug/l	100
48) Methyl methacrylate	9.44	41	24663	19.986	ug/l	98
49) 1,4-Dioxane	9.46	88	5937	336.884	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	130297	101.586	ug/l	98
52) Toluene	10.39	92	123842	20.319	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	60597	19.307	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	70201	18.982	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	34429	20.962	ug/l	97
56) Ethyl methacrylate	10.65	69	42041	19.678	ug/l	98
57) 1,3-Dichloropropane	10.93	76	59546	20.473	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	103484	101.305	ug/l	99
59) 2-Hexanone	10.97	43	89579	100.970	ug/l	99
60) Dibromochloromethane	11.13	129	38913	19.416	ug/l	100
61) 1,2-Dibromoethane	11.24	107	31330	19.932	ug/l	96
64) Tetrachloroethene	10.87	164	42420	19.778	ug/l	97
65) Chlorobenzene	11.66	112	129682	19.874	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	44724	19.178	ug/l	100
67) Ethyl Benzene	11.73	91	239779	19.529	ug/l	99
68) m/p-Xylenes	11.84	106	181376	39.537	ug/l	99
69) o-Xylene	12.17	106	81933	19.173	ug/l	99
70) Styrene	12.18	104	142351	19.503	ug/l	99
71) Bromoform	12.35	173	20656	18.428	ug/l #	99
73) Isopropylbenzene	12.47	105	235795	18.921	ug/l	100
74) N-amyl acetate	12.27	43	50347	18.822	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	39062	20.342	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	28347m	20.624	ug/l	
77) Bromobenzene	12.75	156	50046	18.597	ug/l	97
78) n-propylbenzene	12.80	91	286169	19.220	ug/l	100
79) 2-Chlorotoluene	12.90	91	163250	19.317	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	201187	19.157	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	10841	16.989	ug/l	94
82) 4-Chlorotoluene	12.99	91	170991	19.597	ug/l	99
83) tert-Butylbenzene	13.21	119	170718	19.048	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	198430	18.907	ug/l	99
85) sec-Butylbenzene	13.38	105	243104	19.220	ug/l	100
86) p-Isopropyltoluene	13.50	119	226117	19.517	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	105881	19.833	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	104907	19.724	ug/l	98
89) n-Butylbenzene	13.82	91	216913	19.504	ug/l	99
90) Hexachloroethane	14.10	117	38794	18.202	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	92544	19.854	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6113	18.465	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	63079	19.700	ug/l	98
94) Hexachlorobutadiene	15.24	225	39572	20.266	ug/l	98
95) Naphthalene	15.37	128	103976	19.200	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	52693	19.536	ug/l	96

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

