

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042220\
 Data File : VW015307.D
 Acq On : 22 Apr 2020 14:50
 Operator : SY/VA
 Sample : L2314-17MS
 Misc : 5.36G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WB-4-1MS

Manual Integrations
 APPROVED

MMDadoda
 4/23/2020 1:32:58 PM

Quant Time: Apr 23 08:02:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	157501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	234224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	170245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	48131	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	72203	56.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.12%	
35) Dibromofluoromethane	7.88	113	74744	57.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.22%	
50) Toluene-d8	10.32	98	264073	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
62) 4-Bromofluorobenzene	12.62	95	65709	31.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	70394	56.597	ug/l	96
3) Chloromethane	2.22	50	79085	58.389	ug/l	99
4) Vinyl Chloride	2.35	62	87841	54.921	ug/l	99
5) Bromomethane	2.76	94	74900	65.863	ug/l	93
6) Chloroethane	2.92	64	55609	56.052	ug/l	98
7) Trichlorofluoromethane	3.26	101	118351	52.293	ug/l	99
8) Diethyl Ether	3.68	74	37010	58.259	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	4.06	101	62757	44.965	ug/l	91
10) Methyl Iodide	4.27	142	76855	52.427	ug/l	98
11) Tert butyl alcohol	5.17	59	27548	262.387	ug/l	100
12) 1,1-Dichloroethene	4.04	96	66960	49.844	ug/l	90
13) Acrolein	3.90	56	8899	161.943	ug/l	93
14) Allyl chloride	4.67	41	81604	45.789	ug/l	86
15) Acrylonitrile	5.37	53	65729	271.882	ug/l	99
16) Acetone	4.12	43	75560	335.885	ug/l	97
17) Carbon Disulfide	4.38	76	139855	35.032	ug/l	97
18) Methyl Acetate	4.68	43	57347	96.306	ug/l	93
19) Methyl tert-butyl Ether	5.43	73	184271	59.753	ug/l	95
20) Methylene Chloride	4.92	84	81920	55.564	ug/l	90
21) trans-1,2-Dichloroethene	5.43	96	66873	43.892	ug/l	94
22) Diisopropyl ether	6.31	45	204465	59.804	ug/l #	93
23) Vinyl Acetate	6.26	43	428367	213.511	ug/l #	94
24) 1,1-Dichloroethane	6.22	63	132764	56.031	ug/l	98
25) 2-Butanone	7.17	43	88972	298.105	ug/l	92
26) 2,2-Dichloropropane	7.17	77	127424	51.117	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	84428	51.329	ug/l	98
28) Bromochloromethane	7.51	49	48345	56.118	ug/l #	72
29) Tetrahydrofuran	7.53	42	53678	288.677	ug/l	88
30) Chloroform	7.68	83	143228	56.007	ug/l	98
31) Cyclohexane	7.95	56	71943	30.205	ug/l	89
32) 1,1,1-Trichloroethane	7.87	97	128346	52.001	ug/l	99
36) 1,1-Dichloropropene	8.08	75	83428	39.464	ug/l	96
37) Ethyl Acetate	7.25	43	32639	47.573	ug/l #	96
38) Carbon Tetrachloride	8.07	117	107748	46.640	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	50949	18.107	ug/l	96
40) Benzene	8.32	78	301850	53.452	ug/l	97
41) Methacrylonitrile	7.48	41	24301	59.032	ug/l	96
42) 1,2-Dichloroethane	8.40	62	86924	52.287	ug/l	100
43) Isopropyl Acetate	8.42	43	71966	50.012	ug/l	93
44) Trichloroethene	9.09	130	73412	42.500	ug/l	93
45) 1,2-Dichloropropane	9.37	63	68981	52.528	ug/l	98
46) Dibromomethane	9.46	93	38031	50.064	ug/l #	87
47) Bromodichloromethane	9.65	83	103743	51.086	ug/l	99
48) Methyl methacrylate	9.43	41	36907	54.256	ug/l #	88
49) 1,4-Dioxane	9.45	88	11869	1172.007	ug/l	91
51) 4-Methyl-2-Pentanone	10.21	43	187496	277.572	ug/l	96
52) Toluene	10.38	92	183245	46.366	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	81615	40.759	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	104527	44.911	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	56220	52.853	ug/l	98
56) Ethyl methacrylate	10.65	69	71202	51.960	ug/l	93
57) 1,3-Dichloropropane	10.93	76	89570	50.833	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	161725	254.561	ug/l	89
59) 2-Hexanone	10.97	43	137986	286.167	ug/l	97
60) Dibromochloromethane	11.13	129	70480	50.183	ug/l	99
61) 1,2-Dibromoethane	11.23	107	48226	46.463	ug/l	96
64) Tetrachloroethene	10.86	164	57257	47.123	ug/l	92
65) Chlorobenzene	11.66	112	165761	49.619	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	74627	62.153	ug/l	97
67) Ethyl Benzene	11.73	91	294582	47.285	ug/l	99
68) m/p-Xylenes	11.83	106	223165	91.386	ug/l	99
69) o-Xylene	12.16	106	113291	49.704	ug/l	100
70) Styrene	12.18	104	169893	43.727	ug/l	98
71) Bromoform	12.35	173	39398	58.235	ug/l #	98
73) Isopropylbenzene	12.46	105	235751	70.645	ug/l	99
74) N-amyl acetate	12.27	43	56764	97.773	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	55920	118.022	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	43827m	117.705	ug/l	
77) Bromobenzene	12.74	156	60762	79.251	ug/l	88
78) n-propylbenzene	12.80	91	207889	53.504	ug/l	97
79) 2-Chlorotoluene	12.89	91	144390	65.941	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	161755	56.269	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	17211	101.044	ug/l	91
82) 4-Chlorotoluene	12.99	91	134795	57.979	ug/l	98
83) tert-Butylbenzene	13.21	119	133287	53.049	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	163704	57.737	ug/l	99
85) sec-Butylbenzene	13.38	105	130088	37.490	ug/l	97
86) p-Isopropyltoluene	13.49	119	120612	37.408	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	70433	46.235	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	72127	48.300	ug/l	98
89) n-Butylbenzene	13.82	91	71534	24.273	ug/l	97
90) Hexachloroethane	14.09	117	23092	39.053	ug/l	73
91) 1,2-Dichlorobenzene	13.87	146	71815	54.250	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.48	75	8684	101.277	ug/l	81

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	17254	18.752	ug/l	98
94) Hexachlorobutadiene	15.23	225	7286	11.877	ug/l	98
95) Naphthalene	15.36	128	71394	48.235	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	15803	21.109	ug/l	98

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

