

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011020\
 Data File : VW014608.D
 Acq On : 10 Jan 2020 19:03
 Operator : SY/VA
 Sample : L1051-11MSD
 Misc : 6.65G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3H-(8.5-10.5)MSD

Manual Integrations
 APPROVED

MMDadoda
 1/13/2020 12:01:47 PM

Quant Time: Jan 13 03:18:31 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	707194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1071713	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	935871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	461780	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	353683	57.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.40%	
35) Dibromofluoromethane	7.88	113	5415	0.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.76%	
50) Toluene-d8	10.32	98	1473917	57.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.32%	
62) 4-Bromofluorobenzene	12.62	95	510742	58.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	222906	55.825	ug/l	98
3) Chloromethane	2.21	50	252048	51.570	ug/l	98
4) Vinyl Chloride	2.36	62	418673	58.241	ug/l	97
5) Bromomethane	2.78	94	266709	60.059	ug/l	98
6) Chloroethane	2.92	64	252814	61.695	ug/l	99
7) Trichlorofluoromethane	3.25	101	188348	52.367	ug/l	95
8) Diethyl Ether	3.68	74	222295	62.117	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	408537	60.791	ug/l	99
10) Methyl Iodide	4.28	142	611219	60.279	ug/l	99
11) Tert butyl alcohol	5.15	59	126928	267.883	ug/l	99
12) 1,1-Dichloroethene	4.04	96	479169	68.086	ug/l	97
13) Acrolein	3.89	56	19010	35.226	ug/l	95
14) Allyl chloride	4.66	41	636609	59.194	ug/l	99
15) Acrylonitrile	5.36	53	463865	283.574	ug/l	99
16) Acetone	4.12	43	527671	302.234	ug/l	100
17) Carbon Disulfide	4.38	76	1192378	56.214	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	576060	65.941	ug/l	99
20) Methylene Chloride	4.92	84	471473	68.431	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	452759	60.588	ug/l	97
22) Diisopropyl ether	6.31	45	1252535	62.223	ug/l	96
24) 1,1-Dichloroethane	6.21	63	783092	61.672	ug/l	99
25) 2-Butanone	7.16	43	651977	290.988	ug/l	100
26) 2,2-Dichloropropane	7.16	77	397664	56.567	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	495008	63.042	ug/l	99
28) Bromochloromethane	7.51	49	284468	57.144	ug/l	100
29) Tetrahydrofuran	7.52	42	389172	280.374	ug/l	99
30) Chloroform	7.67	83	753220	63.434	ug/l	100
31) Cyclohexane	7.95	56	742348	56.256	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	590993	61.885	ug/l	99
36) 1,1-Dichloropropene	8.08	75	617693	59.785	ug/l	100
38) Carbon Tetrachloride	8.07	117	538839	60.115	ug/l	99
39) Methylcyclohexane	9.33	83	778581	58.721	ug/l	98
40) Benzene	8.32	78	1803547	61.697	ug/l	99
41) Methacrylonitrile	7.48	41	144493	55.318	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 1,2-Dichloroethane	8.40	62	460483	60.701	ug/l	100
43) Isopropyl Acetate	8.42	43	146690	17.240	ug/l #	61
44) Trichloroethene	9.09	130	892275	112.803	ug/l	95
45) 1,2-Dichloropropane	9.37	63	447853	62.433	ug/l	99
46) Dibromomethane	9.46	93	213063	60.166	ug/l	99
47) Bromodichloromethane	9.64	83	535450	61.244	ug/l	100
48) Methyl methacrylate	9.43	41	11378m	2.739	ug/l	
49) 1,4-Dioxane	9.44	88	65215	984.620	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	1311552	296.819	ug/l	99
52) Toluene	10.38	92	1153668	62.732	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	557516	61.588	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	683489	61.779	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	272728	52.733	ug/l	98
56) Ethyl methacrylate	10.64	69	90977	13.535	ug/l #	85
57) 1,3-Dichloropropane	10.93	76	556038	61.171	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	640671	313.408	ug/l	99
59) 2-Hexanone	10.96	43	950037	312.013	ug/l	99
60) Dibromochloromethane	11.13	129	358854	61.495	ug/l	100
61) 1,2-Dibromoethane	11.23	107	295349	60.161	ug/l	100
64) Tetrachloroethene	10.86	164	736524	108.706	ug/l	97
65) Chlorobenzene	11.65	112	1184866	61.798	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.72	131	401875	62.253	ug/l	99
67) Ethyl Benzene	11.72	91	2136736	61.840	ug/l	98
68) m/p-Xylenes	11.83	106	1632572	123.453	ug/l	99
69) o-Xylene	12.16	106	771279	63.140	ug/l	100
70) Styrene	12.18	104	1318770	63.828	ug/l	100
71) Bromoform	12.35	173	211796	60.149	ug/l #	99
73) Isopropylbenzene	12.46	105	2089104	61.656	ug/l	100
74) N-amyl acetate	12.27	43	14910	1.963	ug/l	92
76) 1,2,3-Trichloropropane	12.76	75	265612m	60.836	ug/l	
77) Bromobenzene	12.74	156	493999	62.773	ug/l	98
78) n-propylbenzene	12.80	91	2445526	61.379	ug/l	100
79) 2-Chlorotoluene	12.89	91	1400539	61.769	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1751511	61.566	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	109352	55.803	ug/l	98
82) 4-Chlorotoluene	12.99	91	1440812	61.164	ug/l	100
83) tert-Butylbenzene	13.20	119	1511685	60.690	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	1754730	61.980	ug/l	100
85) sec-Butylbenzene	13.38	105	2123579	61.593	ug/l	100
86) p-Isopropyltoluene	13.49	119	1950775	62.075	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	946279	61.836	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	934160	61.833	ug/l	100
89) n-Butylbenzene	13.82	91	1785551	61.184	ug/l	100
90) Hexachloroethane	14.09	117	332178	60.507	ug/l	100
91) 1,2-Dichlorobenzene	13.86	146	850276	63.216	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	49015	50.610	ug/l	98
93) 1,2,4-Trichlorobenzene	15.13	180	601318	66.203	ug/l	100
94) Hexachlorobutadiene	15.23	225	337570	55.459	ug/l	99
95) Naphthalene	15.36	128	1075840	69.452	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	520704	65.769	ug/l	100

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

