

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070820\
 Data File : VX017269.D
 Acq On : 08 Jul 2020 20:23
 Operator : JC/SP
 Sample : L3195-10MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-117N-20200630MSD

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:59:52 AM

Quant Time: Jul 09 04:48:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	275100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	416481	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	397931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	224258	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	160930	47.45	ug/l	0.00
Spiked Amount			Recovery	=	94.90%	
35) Dibromofluoromethane	5.46	113	131345	49.86	ug/l	0.00
Spiked Amount			Recovery	=	99.72%	
50) Toluene-d8	8.70	98	470608	48.31	ug/l	0.00
Spiked Amount			Recovery	=	96.62%	
62) 4-Bromofluorobenzene	11.12	95	193932	50.92	ug/l	0.00
Spiked Amount			Recovery	=	101.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	122307	45.955	ug/l	99
3) Chloromethane	1.31	50	128677	39.943	ug/l	99
4) Vinyl Chloride	1.39	62	135522	45.341	ug/l	97
5) Bromomethane	1.62	94	73835	46.756	ug/l	98
6) Chloroethane	1.70	64	87188	49.390	ug/l	99
7) Trichlorofluoromethane	1.91	101	236817	53.572	ug/l	99
8) Diethyl Ether	2.17	74	81524	54.776	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	133141	50.252	ug/l	97
10) Methyl Iodide	2.49	142	150941	44.151	ug/l	99
11) Tert butyl alcohol	3.02	59	168254	260.059	ug/l	99
12) 1,1-Dichloroethene	2.36	96	130130	47.812	ug/l	98
13) Acrolein	2.27	56	121387	313.860	ug/l	97
14) Allyl chloride	2.71	41	233220	46.366	ug/l	98
15) Acrylonitrile	3.12	53	404056	259.789	ug/l	99
16) Acetone	2.42	43	341697	269.328	ug/l	98
17) Carbon Disulfide	2.55	76	338957	44.631	ug/l	99
18) Methyl Acetate	2.75	43	175632	53.030	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	485044	53.099	ug/l	99
20) Methylene Chloride	2.83	84	150206	51.648	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	148666	49.220	ug/l	100
22) Diisopropyl ether	3.82	45	468720	50.348	ug/l	97
23) Vinyl Acetate	3.79	43	1981405	247.680	ug/l	100
24) 1,1-Dichloroethane	3.67	63	262229	49.504	ug/l	99
25) 2-Butanone	4.64	43	551687	260.970	ug/l	100
26) 2,2-Dichloropropane	4.56	77	214204	45.543	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	166544	48.664	ug/l	100
28) Bromochloromethane	4.98	49	116187	45.074	ug/l	95
29) Tetrahydrofuran	5.09	42	360101	257.812	ug/l	98
30) Chloroform	5.18	83	278608	51.308	ug/l	98
31) Cyclohexane	5.55	56	213341	46.594	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	258622	51.715	ug/l	99
36) 1,1-Dichloropropene	5.77	75	198473	50.422	ug/l	98
37) Ethyl Acetate	4.79	43	203263	50.895	ug/l	98
38) Carbon Tetrachloride	5.76	117	233326	53.818	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	214897	49.068	ug/l	99
40) Benzene	6.12	78	582192	50.339	ug/l	100
41) Methacrylonitrile	5.00	41	118621	52.772	ug/l	98
42) 1,2-Dichloroethane	6.17	62	226368	54.187	ug/l	99
43) Isopropyl Acetate	6.42	43	341655	51.481	ug/l	99
44) Trichloroethene	7.19	130	175053	54.881	ug/l	99
45) 1,2-Dichloropropane	7.49	63	153168	51.563	ug/l	98
46) Dibromomethane	7.64	93	107249	52.884	ug/l	96
47) Bromodichloromethane	7.87	83	229621	54.942	ug/l	96
48) Methyl methacrylate	7.75	41	172934	54.848	ug/l	96
49) 1,4-Dioxane	7.71	88	69358	971.003	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1106327	279.659	ug/l	100
52) Toluene	8.77	92	376559	52.149	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	248387	53.866	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	254867	51.559	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	159730	54.142	ug/l	98
56) Ethyl methacrylate	9.16	69	241463	57.503	ug/l	98
57) 1,3-Dichloropropane	9.35	76	265280	53.141	ug/l	100
59) 2-Hexanone	9.48	43	850304	294.305	ug/l	100
60) Dibromochloromethane	9.57	129	196130	57.238	ug/l	99
61) 1,2-Dibromoethane	9.65	107	174301	54.965	ug/l	99
64) Tetrachloroethene	9.32	164	165116	51.413	ug/l	97
65) Chlorobenzene	10.12	112	427943	52.106	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	175729	55.519	ug/l	99
67) Ethyl Benzene	10.24	91	741399	54.054	ug/l	97
68) m/p-Xylenes	10.34	106	569166	108.074	ug/l	97
69) o-Xylene	10.68	106	277127	55.315	ug/l	99
70) Stvrene	10.70	104	487264	57.114	ug/l	99
71) Bromoform	10.84	173	155271	61.861	ug/l #	100
73) Isopropylbenzene	11.00	105	753980	51.329	ug/l	100
74) N-amyl acetate	10.88	43	311677	49.727	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	234198	50.686	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	228298m	51.769	ug/l	
77) Bromobenzene	11.24	156	208375	51.615	ug/l	97
78) n-propylbenzene	11.34	91	846067	50.934	ug/l	99
79) 2-Chlorotoluene	11.40	91	527049	52.426	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	642880	52.763	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	84080	49.375	ug/l	96
82) 4-Chlorotoluene	11.49	91	623972	51.920	ug/l	99
83) tert-Butylbenzene	11.76	119	636388	53.206	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	664560	53.763	ug/l	100
85) sec-Butylbenzene	11.93	105	720786	51.267	ug/l	100
86) p-Isopropyltoluene	12.05	119	696446	53.211	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	371921	50.724	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	372165	53.837	ug/l	99
89) n-Butylbenzene	12.37	91	574394	49.150	ug/l	99
90) Hexachloroethane	12.58	117	130123	50.415	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	355260	51.835	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56483	51.243	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	229669	49.096	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	84613	47.698	ug/l	98
95) Naphthalene	13.82	128	760720	53.490	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	232671	51.394	ug/l	99

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

