

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070820\
 Data File : VX017268.D
 Acq On : 08 Jul 2020 20:00
 Operator : JC/SP
 Sample : L3195-09MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:59:51 AM

Quant Time: Jul 09 04:47:17 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	278040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	419548	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	406064	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	229945	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	159417	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	
35) Dibromofluoromethane	5.46	113	129622	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
50) Toluene-d8	8.70	98	468982	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
62) 4-Bromofluorobenzene	11.12	95	195011	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	126134	46.892	ug/l	99
3) Chloromethane	1.31	50	134058	41.173	ug/l	96
4) Vinyl Chloride	1.39	62	136158	45.072	ug/l	98
5) Bromomethane	1.62	94	72380	45.350	ug/l	99
6) Chloroethane	1.70	64	86970	48.746	ug/l	98
7) Trichlorofluoromethane	1.91	101	236912	53.027	ug/l	100
8) Diethyl Ether	2.17	74	81376	54.102	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	134640	50.281	ug/l	96
10) Methyl Iodide	2.49	142	138771	40.162	ug/l	99
11) Tert butyl alcohol	3.02	59	174518	266.888	ug/l	100
12) 1,1-Dichloroethene	2.35	96	132774	48.267	ug/l	99
13) Acrolein	2.28	56	121030	309.628	ug/l	96
14) Allyl chloride	2.71	41	238828	46.979	ug/l	97
15) Acrylonitrile	3.12	53	414830	263.896	ug/l	99
16) Acetone	2.42	43	348508	271.792	ug/l	97
17) Carbon Disulfide	2.55	76	347940	45.329	ug/l	99
18) Methyl Acetate	2.75	43	182059	54.389	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	487387	52.792	ug/l	99
20) Methylene Chloride	2.84	84	155479	52.915	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	147914	48.453	ug/l	97
22) Diisopropyl ether	3.83	45	473686	50.343	ug/l	91
23) Vinyl Acetate	3.79	43	2011959	248.840	ug/l	98
24) 1,1-Dichloroethane	3.67	63	265608	49.612	ug/l	100
25) 2-Butanone	4.63	43	557994	261.162	ug/l	98
26) 2,2-Dichloropropane	4.55	77	216753	45.597	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	169026	48.867	ug/l	99
28) Bromochloromethane	4.98	49	109673	42.097	ug/l	97
29) Tetrahydrofuran	5.09	42	362415	256.725	ug/l	99
30) Chloroform	5.18	83	279453	50.919	ug/l	97
31) Cyclohexane	5.55	56	214322	46.313	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	257040	50.855	ug/l	99
36) 1,1-Dichloropropene	5.77	75	198399	50.035	ug/l	99
37) Ethyl Acetate	4.79	43	207497	51.575	ug/l	99
38) Carbon Tetrachloride	5.76	117	235123	53.836	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	212212	48.101	ug/l	93
40) Benzene	6.12	78	583873	50.116	ug/l	99
41) Methacrylonitrile	5.01	41	124436	54.955	ug/l	98
42) 1,2-Dichloroethane	6.16	62	226051	53.716	ug/l	100
43) Isopropyl Acetate	6.42	43	347936	52.045	ug/l	99
44) Trichloroethene	7.19	130	173203	53.898	ug/l	96
45) 1,2-Dichloropropane	7.49	63	153345	51.246	ug/l	98
46) Dibromomethane	7.64	93	109218	53.461	ug/l	96
47) Bromodichloromethane	7.88	83	230558	54.763	ug/l	97
48) Methyl methacrylate	7.75	41	177546	55.899	ug/l	97
49) 1,4-Dioxane	7.71	88	72576	1008.627	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1106725	277.714	ug/l	100
52) Toluene	8.77	92	378635	52.054	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	248841	53.570	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	253770	50.962	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	162613	54.717	ug/l	98
56) Ethyl methacrylate	9.16	69	241580	57.111	ug/l	99
57) 1,3-Dichloropropane	9.35	76	264983	52.693	ug/l	99
59) 2-Hexanone	9.48	43	855682	294.001	ug/l	99
60) Dibromochloromethane	9.57	129	196074	56.804	ug/l	99
61) 1,2-Dibromoethane	9.65	107	171130	53.570	ug/l	99
64) Tetrachloroethene	9.32	164	167457	51.098	ug/l	98
65) Chlorobenzene	10.12	112	429792	51.283	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	172911	53.535	ug/l	98
67) Ethyl Benzene	10.24	91	737408	52.686	ug/l	99
68) m/p-Xylenes	10.34	106	569864	106.039	ug/l	97
69) o-Xylene	10.68	106	273822	53.561	ug/l	98
70) Stvrene	10.69	104	492739	56.599	ug/l	99
71) Bromoform	10.84	173	155356	60.656	ug/l #	100
73) Isopropylbenzene	11.00	105	747847	49.652	ug/l	100
74) N-amyl acetate	10.88	43	315463	49.086	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	237234	50.073	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	227300m	50.268	ug/l	
77) Bromobenzene	11.24	156	206395	49.860	ug/l	96
78) n-propylbenzene	11.34	91	844800	49.600	ug/l	100
79) 2-Chlorotoluene	11.40	91	515381	49.998	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	642492	51.427	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	85910	49.201	ug/l	96
82) 4-Chlorotoluene	11.49	91	615215	49.925	ug/l	98
83) tert-Butylbenzene	11.76	119	635399	51.810	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	658319	51.941	ug/l	100
85) sec-Butylbenzene	11.93	105	712630	49.433	ug/l	100
86) p-Isopropyltoluene	12.05	119	686284	51.138	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	368972	49.077	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	376653	53.137	ug/l	98
89) n-Butylbenzene	12.37	91	575962	48.065	ug/l	99
90) Hexachloroethane	12.58	117	130333	49.247	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	353212	50.261	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	57363	50.754	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	227775	47.487	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	85451	46.992	ug/l	96
95) Naphthalene	13.82	128	767718	52.647	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	229547	49.450	ug/l	98

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

