

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX063020\
 Data File : VX017057.D
 Acq On : 30 Jun 2020 19:49
 Operator : JC/SP
 Sample : L3112-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MSD

Manual Integrations
 APPROVED

MMDadoda
 7/1/2020 10:49:41 AM

Quant Time: Jul 01 09:36:19 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	254672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	404534	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	390090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	203131	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	158829	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
35) Dibromofluoromethane	5.46	113	130182	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
50) Toluene-d8	8.70	98	474020	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
62) 4-Bromofluorobenzene	11.12	95	188334	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	112798	45.782	ug/l	97
3) Chloromethane	1.31	50	127543	42.767	ug/l	99
4) Vinyl Chloride	1.39	62	129356	46.749	ug/l	99
5) Bromomethane	1.62	94	75126	51.390	ug/l	98
6) Chloroethane	1.71	64	77727	47.562	ug/l	99
7) Trichlorofluoromethane	1.92	101	200212	48.924	ug/l	98
8) Diethyl Ether	2.17	74	70638	51.292	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	109654	44.707	ug/l	98
10) Methyl Iodide	2.49	142	137040	43.301	ug/l	99
11) Tert butyl alcohol	3.01	59	136453	227.823	ug/l	98
12) 1,1-Dichloroethene	2.36	96	118017	46.839	ug/l	97
13) Acrolein	2.27	56	83826	234.127	ug/l	99
14) Allyl chloride	2.71	41	213108	45.766	ug/l	99
15) Acrylonitrile	3.12	53	354829	246.438	ug/l	99
16) Acetone	2.42	43	284120	241.909	ug/l	97
17) Carbon Disulfide	2.55	76	348831	49.613	ug/l	100
18) Methyl Acetate	2.75	43	142967	46.629	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	419952	49.661	ug/l	99
20) Methylene Chloride	2.83	84	135801	50.422	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	135279	48.381	ug/l	98
22) Diisopropyl ether	3.82	45	419450	48.669	ug/l	99
23) Vinyl Acetate	3.79	43	1786436	241.221	ug/l	99
24) 1,1-Dichloroethane	3.67	63	236119	48.150	ug/l	100
25) 2-Butanone	4.64	43	475571	243.009	ug/l	100
26) 2,2-Dichloropropane	4.55	77	177377	40.738	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	179215	56.567	ug/l	97
28) Bromochloromethane	4.98	49	112449	47.123	ug/l	98
29) Tetrahydrofuran	5.09	42	318477	246.301	ug/l	100
30) Chloroform	5.18	83	243284	48.397	ug/l	98
31) Cyclohexane	5.55	56	192708	45.464	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	220452	47.619	ug/l	98
36) 1,1-Dichloropropene	5.77	75	179097	46.843	ug/l	100
37) Ethyl Acetate	4.79	43	181301	46.737	ug/l	99
38) Carbon Tetrachloride	5.76	117	205044	48.691	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	187495	44.076	ug/l	97
40) Benzene	6.12	78	535087	47.633	ug/l	99
41) Methacrylonitrile	5.00	41	104538	47.881	ug/l	98
42) 1,2-Dichloroethane	6.17	62	197000	48.550	ug/l	100
43) Isopropyl Acetate	6.42	43	303684	47.111	ug/l	99
44) Trichloroethene	7.19	130	157602	50.846	ug/l	99
45) 1,2-Dichloropropane	7.49	63	139814	48.458	ug/l	100
46) Dibromomethane	7.64	93	97500	49.497	ug/l	99
47) Bromodichloromethane	7.88	83	201568	49.654	ug/l	98
48) Methyl methacrylate	7.74	41	155381	50.737	ug/l	99
49) 1,4-Dioxane	7.71	88	59577	858.702	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	950399	247.338	ug/l	100
52) Toluene	8.77	92	340986	48.618	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	215164	48.039	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	221797	46.194	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	139838	48.799	ug/l	99
56) Ethyl methacrylate	9.16	69	209554	51.378	ug/l	100
57) 1,3-Dichloropropane	9.35	76	233311	48.117	ug/l	100
59) 2-Hexanone	9.47	43	725252	258.436	ug/l	99
60) Dibromochloromethane	9.57	129	167758	50.404	ug/l	99
61) 1,2-Dibromoethane	9.65	107	151001	49.023	ug/l	100
64) Tetrachloroethene	9.32	164	141383	44.908	ug/l	94
65) Chlorobenzene	10.12	112	378283	46.985	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	149385	48.145	ug/l	100
67) Ethyl Benzene	10.24	91	652321	48.516	ug/l	99
68) m/p-Xylenes	10.34	106	508602	98.515	ug/l	99
69) o-Xylene	10.68	106	238996	48.663	ug/l	98
70) Styrene	10.70	104	423877	50.683	ug/l	100
71) Bromoform	10.84	173	126886	51.569	ug/l #	99
73) Isopropylbenzene	11.00	105	648525	48.742	ug/l	100
74) N-amyl acetate	10.88	43	269416	47.455	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	199757	47.728	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	189344m	47.402	ug/l	
77) Bromobenzene	11.24	156	176275	48.205	ug/l	98
78) n-propylbenzene	11.34	91	716501	47.621	ug/l	100
79) 2-Chlorotoluene	11.40	91	435746	47.852	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	548011	49.655	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	70691	45.830	ug/l	97
82) 4-Chlorotoluene	11.49	91	524122	48.148	ug/l	100
83) tert-Butylbenzene	11.76	119	534290	49.316	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	561336	50.135	ug/l	99
85) sec-Butylbenzene	11.93	105	607124	47.674	ug/l	100
86) p-Isopropyltoluene	12.05	119	580381	48.955	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	312250	47.015	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	310180	49.522	ug/l	99
89) n-Butylbenzene	12.37	91	479522	45.299	ug/l	100
90) Hexachloroethane	12.58	117	109686	46.917	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	289817	46.684	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	47874	47.950	ug/l	99
93) 1,2,4-Trichlorobenzene	13.63	180	187210	44.182	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	69119	43.100	ug/l	99
95) Naphthalene	13.82	128	639161	49.617	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	192566	46.959	ug/l	99

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

