

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072820\
 Data File : VX017663.D
 Acq On : 28 Jul 2020 19:06
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/29/2020 10:49:48 AM

Quant Time: Jul 29 03:57:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	604222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	950099	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	913539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	479080	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	386385	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
35) Dibromofluoromethane	5.47	113	298543	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
50) Toluene-d8	8.70	98	1093558	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	
62) 4-Bromofluorobenzene	11.12	95	434315	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	282821	50.461	ug/l	99
3) Chloromethane	1.31	50	323359	43.344	ug/l	99
4) Vinyl Chloride	1.39	62	320679	42.176	ug/l	96
5) Bromomethane	1.62	94	196473	47.951	ug/l	97
6) Chloroethane	1.71	64	194427	46.316	ug/l	95
7) Trichlorofluoromethane	1.92	101	530865	44.389	ug/l	99
8) Diethyl Ether	2.17	74	182076	46.875	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	269288	41.032	ug/l	99
10) Methyl Iodide	2.50	142	329511	39.245	ug/l	96
11) Tert butyl alcohol	3.02	59	355310	217.208	ug/l	99
12) 1,1-Dichloroethene	2.36	96	266725	42.738	ug/l	95
13) Acrolein	2.27	56	298058	238.842	ug/l	100
14) Allyl chloride	2.71	41	521825	45.791	ug/l	99
15) Acrylonitrile	3.12	53	841606	238.204	ug/l	100
16) Acetone	2.42	43	760969	222.759	ug/l	94
17) Carbon Disulfide	2.55	76	754358	39.767	ug/l	98
18) Methyl Acetate	2.75	43	383484	47.665	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	1000763	46.329	ug/l	100
20) Methylene Chloride	2.84	84	319315	49.621	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	300255	44.909	ug/l	97
22) Diisopropyl ether	3.83	45	988311	47.431	ug/l	96
23) Vinyl Acetate	3.79	43	4467766	240.478	ug/l	100
24) 1,1-Dichloroethane	3.67	63	565158	47.084	ug/l	98
25) 2-Butanone	4.64	43	1184074	243.991	ug/l	99
26) 2,2-Dichloropropane	4.56	77	487997	45.418	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	349250	48.094	ug/l	97
28) Bromochloromethane	4.98	49	265178	48.752	ug/l	97
29) Tetrahydrofuran	5.09	42	749050	249.182	ug/l	100
30) Chloroform	5.18	83	591996	48.269	ug/l	98
31) Cyclohexane	5.55	56	470403	49.144	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	552796	47.798	ug/l	99
36) 1,1-Dichloropropene	5.78	75	430635	47.259	ug/l	100
37) Ethyl Acetate	4.80	43	467457	46.885	ug/l	99
38) Carbon Tetrachloride	5.76	117	511098	46.188	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	470165	44.199	ug/l	100
40) Benzene	6.12	78	1228572	47.027	ug/l	100
41) Methacrylonitrile	5.01	41	260358	45.558	ug/l	98
42) 1,2-Dichloroethane	6.17	62	504743	47.226	ug/l	99
43) Isopropyl Acetate	6.42	43	771661	46.909	ug/l	99
44) Trichloroethene	7.19	130	360311	47.194	ug/l	95
45) 1,2-Dichloropropane	7.49	63	327999	45.290	ug/l	99
46) Dibromomethane	7.64	93	228781	44.700	ug/l	98
47) Bromodichloromethane	7.88	83	484064	47.004	ug/l	99
48) Methyl methacrylate	7.75	41	382985	46.967	ug/l	98
49) 1,4-Dioxane	7.71	88	132478	847.387	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	2393195	243.823	ug/l	99
52) Toluene	8.77	92	817455	48.791	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	548177	47.551	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	558465	47.494	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	331740	47.531	ug/l	99
56) Ethyl methacrylate	9.16	69	524390	49.871	ug/l	99
57) 1,3-Dichloropropane	9.35	76	545471	47.464	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1302748	235.163	ug/l	99
59) 2-Hexanone	9.48	43	1832217	247.938	ug/l	99
60) Dibromochloromethane	9.57	129	415610	46.851	ug/l	100
61) 1,2-Dibromoethane	9.65	107	363996	48.986	ug/l	99
64) Tetrachloroethene	9.32	164	353105	43.065	ug/l	99
65) Chlorobenzene	10.12	112	902188	45.626	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	368573	46.185	ug/l	100
67) Ethyl Benzene	10.24	91	1581743	47.920	ug/l	100
68) m/p-Xylenes	10.34	106	1207457	94.428	ug/l	98
69) o-Xylene	10.68	106	574149	46.685	ug/l	99
70) Styrene	10.70	104	997802	47.686	ug/l	100
71) Bromoform	10.84	173	325717	47.109	ug/l #	99
73) Isopropylbenzene	11.00	105	1569947	47.769	ug/l	100
74) N-amyl acetate	10.88	43	700824	47.993	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	471304	45.943	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	454394m	46.108	ug/l	
77) Bromobenzene	11.24	156	422539	45.924	ug/l	99
78) n-propylbenzene	11.35	91	1772642	47.822	ug/l	99
79) 2-Chlorotoluene	11.40	91	1057424	46.052	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1328275	47.335	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	175721	44.930	ug/l	99
82) 4-Chlorotoluene	11.49	91	1267787	46.806	ug/l	100
83) tert-Butylbenzene	11.76	119	1299101	48.383	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1362970	48.834	ug/l	99
85) sec-Butylbenzene	11.93	105	1483657	47.433	ug/l	100
86) p-Isopropyltoluene	12.05	119	1413101	47.440	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	715856	45.307	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	749956	45.824	ug/l	98
89) n-Butylbenzene	12.37	91	1201685	45.275	ug/l	99
90) Hexachloroethane	12.58	117	262385	44.680	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	708689	45.637	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	123568	42.975	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	518285	48.903	ug/l	96
94) Hexachlorobutadiene	13.77	225	186583	38.246	ug/l	97
95) Naphthalene	13.82	128	1632386	51.596	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	500255	47.805	ug/l	98

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

