

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072320\
 Data File : VX017530.D
 Acq On : 24 Jul 2020 06:48
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/24/2020 9:55:55 AM

Quant Time: Jul 24 07:49:04 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	5.63	168	550363	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	863353	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	861290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	467444	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	380642	53.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.68%	
35) Dibromofluoromethane	5.46	113	295894	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
50) Toluene-d8	8.70	98	1098675	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	
62) 4-Bromofluorobenzene	11.12	95	455221	54.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	285125	55.962	ug/l	98
3) Chloromethane	1.31	50	312238	45.927	ug/l	100
4) Vinyl Chloride	1.39	62	321433	46.412	ug/l	99
5) Bromomethane	1.62	94	183472	49.242	ug/l	95
6) Chloroethane	1.71	64	190765	49.951	ug/l	97
7) Trichlorofluoromethane	1.91	101	512924	47.086	ug/l	99
8) Diethyl Ether	2.17	74	173633	49.141	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	267056	44.674	ug/l	97
10) Methyl Iodide	2.49	142	317252	41.483	ug/l	99
11) Tert butyl alcohol	3.02	59	413451	277.486	ug/l	99
12) 1,1-Dichloroethene	2.36	96	262276	46.137	ug/l	98
13) Acrolein	2.28	56	242334	213.638	ug/l	100
14) Allyl chloride	2.70	41	486543	46.873	ug/l	99
15) Acrylonitrile	3.12	53	838981	260.699	ug/l	99
16) Acetone	2.42	43	796920	256.112	ug/l	98
17) Carbon Disulfide	2.55	76	808210	46.775	ug/l	99
18) Methyl Acetate	2.75	43	375248	51.206	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	974449	49.525	ug/l	99
20) Methylene Chloride	2.84	84	312833	53.471	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	307315	50.463	ug/l	95
22) Diisopropyl ether	3.82	45	982180	51.749	ug/l #	88
23) Vinyl Acetate	3.79	43	4483470	264.940	ug/l	99
24) 1,1-Dichloroethane	3.67	63	553505	50.626	ug/l	99
25) 2-Butanone	4.64	43	1241365	280.829	ug/l	98
26) 2,2-Dichloropropane	4.55	77	307783	31.449	ug/l	95
27) cis-1,2-Dichloroethene	4.56	96	334585	50.583	ug/l	95
28) Bromochloromethane	4.98	49	240522	48.546	ug/l	99
29) Tetrahydrofuran	5.09	42	783971	286.321	ug/l	99
30) Chloroform	5.18	83	580486	51.962	ug/l	99
31) Cyclohexane	5.55	56	467307	53.598	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	539637	51.226	ug/l	100
36) 1,1-Dichloropropene	5.77	75	425294	51.362	ug/l	99
37) Ethyl Acetate	4.79	43	474145	52.334	ug/l	100
38) Carbon Tetrachloride	5.75	117	505178	50.240	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	464987	48.104	ug/l	100
40) Benzene	6.12	78	1213181	51.104	ug/l	98
41) Methacrylonitrile	5.01	41	264022	50.841	ug/l	99
42) 1,2-Dichloroethane	6.17	62	494298	50.896	ug/l	98
43) Isopropyl Acetate	6.42	43	766215	51.257	ug/l	99
44) Trichloroethene	7.19	130	353223	50.914	ug/l	99
45) 1,2-Dichloropropane	7.49	63	325800	49.507	ug/l	100
46) Dibromomethane	7.64	93	226749	48.755	ug/l	99
47) Bromodichloromethane	7.88	83	480142	51.308	ug/l	97
48) Methyl methacrylate	7.75	41	393041	53.043	ug/l	99
49) 1,4-Dioxane	7.71	88	170152	1197.720	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	2487726	278.920	ug/l	98
52) Toluene	8.76	92	797610	52.390	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	504512	48.161	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	518251	48.503	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	334218	52.698	ug/l	98
56) Ethyl methacrylate	9.16	69	518893	54.306	ug/l	99
57) 1,3-Dichloropropane	9.35	76	548188	52.493	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1248703	248.055	ug/l	100
59) 2-Hexanone	9.48	43	1934945	288.148	ug/l	100
60) Dibromochloromethane	9.57	129	424003	52.600	ug/l	99
61) 1,2-Dibromoethane	9.65	107	367013	54.355	ug/l	100
64) Tetrachloroethene	9.32	164	354862	45.905	ug/l	96
65) Chlorobenzene	10.12	112	909844	48.804	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	361413	48.035	ug/l	99
67) Ethyl Benzene	10.24	91	1558884	50.093	ug/l	98
68) m/p-Xylenes	10.34	106	1197882	99.362	ug/l	97
69) o-Xylene	10.68	106	568327	49.015	ug/l	97
70) Styrene	10.70	104	1017851	51.595	ug/l	99
71) Bromoform	10.84	173	320244	49.127	ug/l #	99
73) Isopropylbenzene	11.00	105	1592775	49.669	ug/l	100
74) N-amyl acetate	10.88	43	733837	51.505	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	479328	47.888	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	461006m	47.944	ug/l	
77) Bromobenzene	11.24	156	431872	48.107	ug/l	98
78) n-propylbenzene	11.35	91	1829185	50.576	ug/l	98
79) 2-Chlorotoluene	11.40	91	1089005	48.607	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1378557	50.350	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	156375	40.978	ug/l	98
82) 4-Chlorotoluene	11.49	91	1299226	49.161	ug/l	100
83) tert-Butylbenzene	11.76	119	1323269	50.509	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1387602	50.954	ug/l	99
85) sec-Butylbenzene	11.93	105	1552537	50.871	ug/l	100
86) p-Isopropyltoluene	12.05	119	1468825	50.539	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	732025	47.484	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	748639	46.882	ug/l	99
89) n-Butylbenzene	12.37	91	1235928	47.724	ug/l	100
90) Hexachloroethane	12.58	117	274210	47.856	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	710346	46.882	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	125328	44.570	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	500964	48.445	ug/l	100
94) Hexachlorobutadiene	13.77	225	213659	44.886	ug/l	97
95) Naphthalene	13.82	128	1610782	52.181	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	503975	49.359	ug/l	100

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

