

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX073020\
 Data File : VX017674.D
 Acq On : 30 Jul 2020 11:02
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/31/2020 11:57:54 AM

Quant Time: Jul 31 05:44:47 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	5.62	168	550489	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	796341	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	808512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	431647	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	346959	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
35) Dibromofluoromethane	5.46	113	275680	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
50) Toluene-d8	8.70	98	901766	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	
62) 4-Bromofluorobenzene	11.12	95	405559	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	246002	48.129	ug/l	98
3) Chloromethane	1.32	50	290319	42.719	ug/l	99
4) Vinyl Chloride	1.39	62	290295	41.906	ug/l	100
5) Bromomethane	1.62	94	176110	47.124	ug/l	100
6) Chloroethane	1.70	64	181926	47.589	ug/l	99
7) Trichlorofluoromethane	1.92	101	490186	44.989	ug/l	99
8) Diethyl Ether	2.17	74	175361	49.633	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	268449	44.897	ug/l	98
10) Methyl Iodide	2.49	142	337839	44.165	ug/l	96
11) Tert butyl alcohol	3.01	59	340940	228.768	ug/l	99
12) 1,1-Dichloroethene	2.36	96	246459	43.345	ug/l	98
13) Acrolein	2.27	56	295724	259.733	ug/l	100
14) Allyl chloride	2.70	41	489290	47.127	ug/l	97
15) Acrylonitrile	3.11	53	756902	235.140	ug/l	99
16) Acetone	2.42	43	677126	217.563	ug/l	97
17) Carbon Disulfide	2.55	76	696256	40.287	ug/l	100
18) Methyl Acetate	2.75	43	360216	49.143	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	930239	47.268	ug/l	99
20) Methylene Chloride	2.84	84	292626	49.920	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	280776	46.095	ug/l	97
22) Diisopropyl ether	3.82	45	919429	48.432	ug/l	96
23) Vinyl Acetate	3.78	43	4180146	246.959	ug/l	98
24) 1,1-Dichloroethane	3.67	63	512105	46.829	ug/l	100
25) 2-Butanone	4.64	43	1045443	236.452	ug/l	98
26) 2,2-Dichloropropane	4.55	77	476431	48.670	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	315967	47.757	ug/l	98
28) Bromochloromethane	4.98	49	226361	45.677	ug/l	94
29) Tetrahydrofuran	5.09	42	635199	231.934	ug/l	99
30) Chloroform	5.17	83	526085	47.081	ug/l	99
31) Cyclohexane	5.54	56	383131	43.933	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	485634	46.089	ug/l	99
36) 1,1-Dichloropropene	5.76	75	364032	47.663	ug/l	99
37) Ethyl Acetate	4.79	43	393708	47.113	ug/l	100
38) Carbon Tetrachloride	5.75	117	442446	47.704	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	405887	45.524	ug/l	99
40) Benzene	6.10	78	1029750	47.027	ug/l	98
41) Methacrylonitrile	5.01	41	225019	46.977	ug/l	99
42) 1,2-Dichloroethane	6.16	62	438232	48.920	ug/l	100
43) Isopropyl Acetate	6.41	43	617692	44.799	ug/l	99
44) Trichloroethene	7.18	130	338032	52.825	ug/l	99
45) 1,2-Dichloropropane	7.49	63	273118	44.994	ug/l	99
46) Dibromomethane	7.63	93	203577	47.456	ug/l	98
47) Bromodichloromethane	7.87	83	415620	48.151	ug/l	100
48) Methyl methacrylate	7.75	41	313474	45.865	ug/l	96
49) 1,4-Dioxane	7.71	88	125407	957.039	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1856844	225.705	ug/l	99
52) Toluene	8.76	92	630917	44.928	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	518998	53.713	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	464051	47.085	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	307855	52.626	ug/l	99
56) Ethyl methacrylate	9.16	69	469594	53.282	ug/l	100
57) 1,3-Dichloropropane	9.35	76	502105	52.126	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1097367	236.336	ug/l	99
59) 2-Hexanone	9.47	43	1581242	255.291	ug/l	100
60) Dibromochloromethane	9.56	129	388587	52.263	ug/l	100
61) 1,2-Dibromoethane	9.65	107	337964	54.265	ug/l	99
64) Tetrachloroethene	9.32	164	342922	47.256	ug/l	97
65) Chlorobenzene	10.12	112	819969	46.854	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	337350	47.763	ug/l	99
67) Ethyl Benzene	10.23	91	1403259	48.036	ug/l	99
68) m/p-Xylenes	10.34	106	1072376	94.758	ug/l	96
69) o-Xylene	10.68	106	512223	47.060	ug/l	99
70) Styrene	10.70	104	902879	48.755	ug/l	100
71) Bromoform	10.84	173	287994	47.064	ug/l #	97
73) Isopropylbenzene	11.00	105	1408425	47.563	ug/l	99
74) N-amyl acetate	10.88	43	604932	45.979	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	411182	44.486	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	407917m	45.941	ug/l	
77) Bromobenzene	11.24	156	379620	45.793	ug/l	99
78) n-propylbenzene	11.34	91	1626719	48.708	ug/l	99
79) 2-Chlorotoluene	11.40	91	968310	46.805	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1217895	48.171	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	159399	45.235	ug/l	98
82) 4-Chlorotoluene	11.49	91	1167126	47.825	ug/l	100
83) tert-Butylbenzene	11.76	119	1157933	47.864	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1244971	49.508	ug/l	99
85) sec-Butylbenzene	11.93	105	1384644	49.132	ug/l	99
86) p-Isopropyltoluene	12.05	119	1329324	49.532	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	686151	48.199	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	693008	46.998	ug/l	99
89) n-Butylbenzene	12.37	91	1163381	48.648	ug/l	98
90) Hexachloroethane	12.58	117	240138	45.386	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	656686	46.935	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	110016	42.497	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	481322	50.406	ug/l	100
94) Hexachlorobutadiene	13.77	225	210826	47.964	ug/l	98
95) Naphthalene	13.82	128	1407918	49.391	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	468955	49.738	ug/l	98

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

