

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070720\
 Data File : VX017219.D
 Acq On : 07 Jul 2020 21:33
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 9:31:49 AM

Quant Time: Jul 08 03:36:25 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	284508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	426532	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	403331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	235111	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	171696	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
35) Dibromofluoromethane	5.46	113	140672	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	
50) Toluene-d8	8.70	98	499720	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
62) 4-Bromofluorobenzene	11.12	95	203312	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	131411	47.743	ug/l	98
3) Chloromethane	1.31	50	136454	40.956	ug/l	99
4) Vinyl Chloride	1.39	62	138103	44.677	ug/l	99
5) Bromomethane	1.62	94	70213	42.992	ug/l	99
6) Chloroethane	1.70	64	88713	48.592	ug/l	99
7) Trichlorofluoromethane	1.91	101	246751	53.973	ug/l	98
8) Diethyl Ether	2.17	74	81767	53.133	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	142340	51.948	ug/l	97
10) Methyl Iodide	2.49	142	131785	37.273	ug/l	99
11) Tert butyl alcohol	3.02	59	169699	253.619	ug/l	98
12) 1,1-Dichloroethene	2.36	96	137667	48.908	ug/l	99
13) Acrolein	2.27	56	130417	326.057	ug/l	98
14) Allyl chloride	2.70	41	242767	46.668	ug/l	98
15) Acrylonitrile	3.12	53	406289	252.587	ug/l	99
16) Acetone	2.42	43	335649	255.812	ug/l	97
17) Carbon Disulfide	2.55	76	368019	46.854	ug/l	99
18) Methyl Acetate	2.75	43	183344	53.528	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	501610	53.097	ug/l	98
20) Methylene Chloride	2.83	84	159622	53.093	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	156015	49.945	ug/l	98
22) Diisopropyl ether	3.82	45	490325	50.927	ug/l	100
23) Vinyl Acetate	3.78	43	2152527	260.173	ug/l	99
24) 1,1-Dichloroethane	3.67	63	278679	50.870	ug/l	100
25) 2-Butanone	4.64	43	552198	252.574	ug/l	100
26) 2,2-Dichloropropane	4.55	77	223558	45.960	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	171958	48.584	ug/l	99
28) Bromochloromethane	4.98	49	111499	41.825	ug/l	96
29) Tetrahydrofuran	5.09	42	356779	246.987	ug/l	98
30) Chloroform	5.18	83	293924	52.339	ug/l	98
31) Cyclohexane	5.55	56	224290	47.366	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	268689	51.952	ug/l	99
36) 1,1-Dichloropropene	5.77	75	208032	51.605	ug/l	99
37) Ethyl Acetate	4.80	43	216292	52.881	ug/l	99
38) Carbon Tetrachloride	5.76	117	249815	56.263	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	225675	50.315	ug/l	98
40) Benzene	6.11	78	616183	52.023	ug/l	98
41) Methacrylonitrile	5.01	41	120135	52.187	ug/l	98
42) 1,2-Dichloroethane	6.17	62	236128	55.192	ug/l	99
43) Isopropyl Acetate	6.42	43	350698	51.599	ug/l	99
44) Trichloroethene	7.19	130	180696	55.317	ug/l	97
45) 1,2-Dichloropropane	7.49	63	160412	52.730	ug/l	97
46) Dibromomethane	7.64	93	112656	54.241	ug/l	96
47) Bromodichloromethane	7.88	83	239173	55.879	ug/l	99
48) Methyl methacrylate	7.74	41	174598	54.071	ug/l	95
49) 1,4-Dioxane	7.71	88	77415	1058.261	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1111682	274.391	ug/l	100
52) Toluene	8.76	92	394723	53.377	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	255943	54.196	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	265180	52.382	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	165604	54.811	ug/l	99
56) Ethyl methacrylate	9.16	69	240164	55.846	ug/l	99
57) 1,3-Dichloropropane	9.35	76	271977	53.198	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	564341	263.676	ug/l	98
59) 2-Hexanone	9.48	43	839333	283.662	ug/l	100
60) Dibromochloromethane	9.57	129	202555	57.721	ug/l	99
61) 1,2-Dibromoethane	9.65	107	179789	55.359	ug/l	99
64) Tetrachloroethene	9.32	164	170729	52.449	ug/l	96
65) Chlorobenzene	10.12	112	437364	52.540	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	178826	55.741	ug/l	99
67) Ethyl Benzene	10.23	91	758812	54.583	ug/l	99
68) m/p-Xylenes	10.34	106	587498	110.061	ug/l	98
69) o-Xylene	10.68	106	278648	54.874	ug/l	99
70) Styrene	10.70	104	496124	57.374	ug/l	99
71) Bromoform	10.84	173	157262	61.816	ug/l	99
73) Isopropylbenzene	11.00	105	760319	49.371	ug/l	99
74) N-amyl acetate	10.88	43	322603	49.094	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	238711	49.278	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	230642m	49.887	ug/l	
77) Bromobenzene	11.24	156	214309	50.634	ug/l	95
78) n-propylbenzene	11.34	91	870135	49.965	ug/l	99
79) 2-Chlorotoluene	11.40	91	530970	50.378	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	661053	51.750	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	85753	48.032	ug/l	96
82) 4-Chlorotoluene	11.49	91	637139	50.568	ug/l	99
83) tert-Butylbenzene	11.76	119	652887	52.066	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	681386	52.579	ug/l	100
85) sec-Butylbenzene	11.93	105	747440	50.709	ug/l	100
86) p-Isopropyltoluene	12.05	119	723871	52.754	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	384882	50.069	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	387868	53.518	ug/l	99
89) n-Butylbenzene	12.37	91	598597	48.857	ug/l	100
90) Hexachloroethane	12.58	117	137770	50.914	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	362322	50.425	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55717	48.215	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	245317	50.020	ug/l	99
94) Hexachlorobutadiene	13.76	225	90917	48.865	ug/l	98
95) Naphthalene	13.82	128	787236	52.799	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	242253	51.041	ug/l	99

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

