

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051820\
 Data File : VX016296.D
 Acq On : 18 May 2020 13:57
 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
 5/19/2020 1:38:41 PM

Quant Time: May 19 01:17:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	312262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	484188	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	445095	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	221988	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	182203	44.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.68%	
35) Dibromofluoromethane	5.46	113	151979	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
50) Toluene-d8	8.70	98	577690	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
62) 4-Bromofluorobenzene	11.12	95	227762	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	174197	52.704	ug/l	99
3) Chloromethane	1.31	50	183283	47.749	ug/l	99
4) Vinyl Chloride	1.39	62	210426	51.383	ug/l	99
5) Bromomethane	1.62	94	88684	42.955	ug/l	98
6) Chloroethane	1.70	64	130750	52.473	ug/l	98
7) Trichlorofluoromethane	1.91	101	290705	54.070	ug/l	99
8) Diethyl Ether	2.17	74	122999	54.297	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	166826	53.782	ug/l	98
10) Methyl Iodide	2.49	142	161868	38.850	ug/l	98
11) Tert butyl alcohol	3.01	59	257842	248.146	ug/l	100
12) 1,1-Dichloroethene	2.36	96	170624	52.564	ug/l	98
13) Acrolein	2.27	56	223506	343.741	ug/l	99
14) Allyl chloride	2.70	41	307757	51.709	ug/l	96
15) Acrylonitrile	3.11	53	563227	261.290	ug/l	99
16) Acetone	2.42	43	456155	248.800	ug/l	97
17) Carbon Disulfide	2.54	76	475979	48.824	ug/l	98
18) Methyl Acetate	2.75	43	248523	55.130	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	629664	56.271	ug/l	100
20) Methylene Chloride	2.83	84	195994	51.856	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	190967	52.793	ug/l	94
22) Diisopropyl ether	3.82	45	600197	53.454	ug/l	98
23) Vinyl Acetate	3.78	43	2623193	265.548	ug/l	98
24) 1,1-Dichloroethane	3.67	63	342980	54.606	ug/l	98
25) 2-Butanone	4.63	43	748356	253.304	ug/l	98
26) 2,2-Dichloropropane	4.55	77	318359	55.500	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	218975	55.373	ug/l	97
28) Bromochloromethane	4.98	49	125487	43.814	ug/l	94
29) Tetrahydrofuran	5.09	42	499637	255.232	ug/l	97
30) Chloroform	5.17	83	345425	55.234	ug/l	100
31) Cyclohexane	5.54	56	288964	50.622	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	311102	54.727	ug/l	98
36) 1,1-Dichloropropene	5.77	75	264670	55.531	ug/l	99
37) Ethyl Acetate	4.79	43	290971	52.673	ug/l	98
38) Carbon Tetrachloride	5.75	117	275093	56.785	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	268776	46.827	ug/l	98
40) Benzene	6.11	78	788015	56.507	ug/l	100
41) Methacrylonitrile	5.00	41	159095	53.329	ug/l	98
42) 1,2-Dichloroethane	6.16	62	270759	53.897	ug/l	98
43) Isopropyl Acetate	6.41	43	479457	54.398	ug/l	97
44) Trichloroethene	7.19	130	262676	53.019	ug/l	95
45) 1,2-Dichloropropane	7.49	63	204471	57.945	ug/l	99
46) Dibromomethane	7.63	93	135181	56.372	ug/l	97
47) Bromodichloromethane	7.87	83	284743	58.303	ug/l	99
48) Methyl methacrylate	7.74	41	227089	54.374	ug/l	95
49) 1,4-Dioxane	7.71	88	100348	1001.826	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1489737	276.205	ug/l	98
52) Toluene	8.76	92	507680	58.405	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	336783	57.836	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	355368	58.427	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	200483	58.622	ug/l	98
56) Ethyl methacrylate	9.16	69	335325	60.068	ug/l	94
57) 1,3-Dichloropropane	9.35	76	346305	58.032	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	807724	271.784	ug/l	98
59) 2-Hexanone	9.47	43	1147159	270.830	ug/l	96
60) Dibromochloromethane	9.57	129	230663	61.240	ug/l	99
61) 1,2-Dibromoethane	9.65	107	217125	58.613	ug/l	99
64) Tetrachloroethene	9.32	164	293500	53.714	ug/l	96
65) Chlorobenzene	10.12	112	545939	58.579	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	207977	60.376	ug/l	99
67) Ethyl Benzene	10.24	91	959967	57.729	ug/l	99
68) m/p-Xylenes	10.34	106	730666	117.278	ug/l	99
69) o-Xylene	10.68	106	353324	58.998	ug/l	98
70) Styrene	10.70	104	613150	60.350	ug/l	99
71) Bromoform	10.84	173	174261	62.092	ug/l #	97
73) Isopropylbenzene	11.00	105	922816	57.154	ug/l	99
74) N-amyl acetate	10.88	43	420128	55.785	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	221150	66.898	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	288297m	57.231	ug/l	
77) Bromobenzene	11.24	156	241446	57.934	ug/l	98
78) n-propylbenzene	11.34	91	1038106	55.267	ug/l	99
79) 2-Chlorotoluene	11.40	91	630170	56.837	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	760512	55.786	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	121742	57.593	ug/l	91
82) 4-Chlorotoluene	11.49	91	745017	56.902	ug/l	99
83) tert-Butylbenzene	11.76	119	638005	54.305	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	767972	55.721	ug/l	100
85) sec-Butylbenzene	11.93	105	794176	50.066	ug/l	100
86) p-Isopropyltoluene	12.05	119	753902	51.189	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	420329	56.171	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	422061	55.570	ug/l	98
89) n-Butylbenzene	12.37	91	634876	47.187	ug/l	100
90) Hexachloroethane	12.58	117	129082	51.034	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	411551	57.117	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	70055	52.766	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	284134	53.262	ug/l	97
94) Hexachlorobutadiene	13.77	225	109468	47.680	ug/l	97
95) Naphthalene	13.82	128	964817	55.855	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	272662	52.298	ug/l	98

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

