

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022420\
 Data File : VX015003.D
 Acq On : 24 Feb 2020 16:26
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/25/2020 9:36:44 AM

Quant Time: Feb 25 01:05:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	446248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	655982	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	602914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	319223	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	237381	47.13	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	94.26%	
35) Dibromofluoromethane	5.48	113	200091	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
50) Toluene-d8	8.70	98	760553	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
62) 4-Bromofluorobenzene	11.13	95	276596	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	198990	47.087	ug/l	99
3) Chloromethane	1.32	50	226117	47.194	ug/l	99
4) Vinyl Chloride	1.40	62	242232	46.932	ug/l	97
5) Bromomethane	1.63	94	154967	46.385	ug/l	97
6) Chloroethane	1.72	64	152729	46.246	ug/l	100
7) Trichlorofluoromethane	1.92	101	331131	45.918	ug/l	99
8) Diethyl Ether	2.18	74	138804	46.417	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	204902	48.951	ug/l	98
10) Methyl Iodide	2.50	142	233192	49.974	ug/l	99
11) Tert butyl alcohol	3.02	59	219875	247.267	ug/l	100
12) 1,1-Dichloroethene	2.36	96	200099	48.920	ug/l	97
13) Acrolein	2.28	56	153052	225.830	ug/l	98
14) Allyl chloride	2.72	41	345542	47.648	ug/l	98
15) Acrylonitrile	3.12	53	572079	253.778	ug/l	99
16) Acetone	2.43	43	556702	203.758	ug/l	98
17) Carbon Disulfide	2.56	76	485636	42.494	ug/l	99
18) Methyl Acetate	2.76	43	274234	54.066	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	660209	49.595	ug/l	99
20) Methylene Chloride	2.84	84	218319	45.063	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	204155	45.234	ug/l	99
22) Diisopropyl ether	3.84	45	701228	50.628	ug/l	94
23) Vinyl Acetate	3.80	43	2990182	261.888	ug/l	99
24) 1,1-Dichloroethane	3.69	63	379167	48.505	ug/l	98
25) 2-Butanone	4.65	43	812479	236.966	ug/l	99
26) 2,2-Dichloropropane	4.57	77	317147	47.078	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	242816	48.129	ug/l	98
28) Bromochloromethane	5.00	49	151562	50.021	ug/l	98
29) Tetrahydrofuran	5.11	42	504088	258.628	ug/l	99
30) Chloroform	5.20	83	375397	48.403	ug/l	95
31) Cyclohexane	5.56	56	334968	47.047	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	323298	47.654	ug/l	99
36) 1,1-Dichloropropene	5.79	75	284158	48.425	ug/l	99
37) Ethyl Acetate	4.81	43	312997	51.142	ug/l	99
38) Carbon Tetrachloride	5.77	117	276808	48.406	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	351431	47.887	ug/l	98
40) Benzene	6.13	78	851425	48.563	ug/l	98
41) Methacrylonitrile	5.02	41	178467	54.129	ug/l	99
42) 1,2-Dichloroethane	6.17	62	303841	47.949	ug/l	98
43) Isopropyl Acetate	6.42	43	520508	51.556	ug/l	99
44) Trichloroethene	7.20	130	237130	46.591	ug/l	100
45) 1,2-Dichloropropane	7.50	63	222428	49.745	ug/l	98
46) Dibromomethane	7.65	93	146268	47.856	ug/l	98
47) Bromodichloromethane	7.89	83	300919	49.655	ug/l	98
48) Methyl methacrylate	7.76	41	256886	51.702	ug/l	99
49) 1,4-Dioxane	7.73	88	93107	1002.258	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	1578827	258.985	ug/l	100
52) Toluene	8.78	92	537546	48.273	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	332867	50.119	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	363689	49.569	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	225386	50.027	ug/l	98
56) Ethyl methacrylate	9.17	69	353405	52.188	ug/l	99
57) 1,3-Dichloropropane	9.36	76	373581	49.260	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	898619	253.740	ug/l	100
59) 2-Hexanone	9.48	43	1202392	250.932	ug/l	98
60) Dibromochloromethane	9.57	129	243120	50.145	ug/l	97
61) 1,2-Dibromoethane	9.66	107	235290	48.403	ug/l	99
64) Tetrachloroethene	9.33	164	239037	42.405	ug/l	98
65) Chlorobenzene	10.13	112	589132	48.176	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	226946	51.119	ug/l	99
67) Ethyl Benzene	10.25	91	1042939	50.148	ug/l	99
68) m/p-Xylenes	10.35	106	794715	99.193	ug/l	99
69) o-Xylene	10.69	106	388170	50.402	ug/l	100
70) Styrene	10.70	104	665005	51.041	ug/l	99
71) Bromoform	10.85	173	193268	52.154	ug/l	100
73) Isopropylbenzene	11.01	105	1035833	51.743	ug/l	99
74) N-amyl acetate	10.89	43	449733	54.068	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	336894	51.482	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	291349m	50.471	ug/l	
77) Bromobenzene	11.25	156	273514	48.951	ug/l	99
78) n-propylbenzene	11.35	91	1183794	51.128	ug/l	100
79) 2-Chlorotoluene	11.42	91	689988	50.690	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	864237	51.668	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	117809	52.239	ug/l	100
82) 4-Chlorotoluene	11.50	91	806938	50.060	ug/l	100
83) tert-Butylbenzene	11.76	119	850060	53.666	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	884692	52.483	ug/l	99
85) sec-Butylbenzene	11.94	105	1021649	51.920	ug/l	99
86) p-Isopropyltoluene	12.06	119	952843	51.746	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	487115	48.596	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	493620	48.223	ug/l	99
89) n-Butylbenzene	12.38	91	834553	50.605	ug/l	100
90) Hexachloroethane	12.59	117	169766	52.793	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	481620	48.995	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	73893	48.131	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	350042	48.244	ug/l	99
94) Hexachlorobutadiene	13.78	225	173305	49.383	ug/l	99
95) Naphthalene	13.83	128	1023980	53.079	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	351083	50.084	ug/l	100

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

