

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021020\
 Data File : VX014879.D
 Acq On : 10 Feb 2020 11:01
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 2/11/2020 10:36:11 AM

Quant Time: Feb 10 11:37:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 11:22:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	463073	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	691991	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	648075	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	343093	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	248436	42.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.04%	
35) Dibromofluoromethane	5.49	113	201362	40.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.72%	
50) Toluene-d8	8.71	98	779079	46.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.34%	
62) 4-Bromofluorobenzene	11.13	95	282432	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	238404	56.424	ug/l	100
3) Chloromethane	1.32	50	252398	51.762	ug/l	100
4) Vinyl Chloride	1.41	62	278270	52.766	ug/l	100
5) Bromomethane	1.64	94	164050	48.673	ug/l	100
6) Chloroethane	1.72	64	175057	50.776	ug/l	100
7) Trichlorofluoromethane	1.93	101	378930	51.042	ug/l	100
8) Diethyl Ether	2.18	74	156297	50.372	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	215783	49.209	ug/l	100
10) Methyl Iodide	2.51	142	239813	68.016	ug/l	100
11) Tert butyl alcohol	3.03	59	231888	256.987	ug/l	100
12) 1,1-Dichloroethene	2.37	96	218130	52.069	ug/l	100
13) Acrolein	2.29	56	175994	252.947	ug/l	100
14) Allyl chloride	2.72	41	375915	50.207	ug/l	100
15) Acrylonitrile	3.13	53	605928	263.036	ug/l	100
16) Acetone	2.43	43	738618	226.994	ug/l	100
17) Carbon Disulfide	2.57	76	605982	52.245	ug/l	100
18) Methyl Acetate	2.76	43	270424	52.602	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	710210	52.372	ug/l	100
20) Methylene Chloride	2.85	84	238948	46.316	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	236652	50.702	ug/l	100
22) Diisopropyl ether	3.84	45	746152	52.555	ug/l	100
23) Vinyl Acetate	3.81	43	3131530	266.438	ug/l	100
24) 1,1-Dichloroethane	3.69	63	410869	50.945	ug/l	100
25) 2-Butanone	4.65	43	931407	264.386	ug/l	100
26) 2,2-Dichloropropane	4.58	77	350173	50.392	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	264913	51.170	ug/l	100
28) Bromochloromethane	5.01	49	157279	58.146	ug/l	100
29) Tetrahydrofuran	5.11	42	538661	273.370	ug/l	100
30) Chloroform	5.20	83	412008	51.380	ug/l	100
31) Cyclohexane	5.58	56	375093	53.100	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	360729	52.073	ug/l	100
36) 1,1-Dichloropropene	5.79	75	319369	52.508	ug/l	100
37) Ethyl Acetate	4.82	43	334049	52.579	ug/l	100
38) Carbon Tetrachloride	5.78	117	315117	53.567	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	394904	51.463	ug/l	100
40) Benzene	6.14	78	938719	51.029	ug/l	100
41) Methacrylonitrile	5.03	41	186651	55.678	ug/l	100
42) 1,2-Dichloroethane	6.19	62	339596	50.595	ug/l	100
43) Isopropyl Acetate	6.43	43	551250	53.289	ug/l	100
44) Trichloroethene	7.21	130	269073	50.437	ug/l	100
45) 1,2-Dichloropropane	7.51	63	240676	51.448	ug/l	100
46) Dibromomethane	7.65	93	162533	50.646	ug/l	100
47) Bromodichloromethane	7.89	83	328063	52.435	ug/l	100
48) Methyl methacrylate	7.76	41	277697	55.396	ug/l	100
49) 1,4-Dioxane	7.73	88	99183	1021.043	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1686196	269.319	ug/l	100
52) Toluene	8.78	92	601276	51.843	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	366982	54.937	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	402962	53.701	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	242203	51.509	ug/l	100
56) Ethyl methacrylate	9.17	69	380029	56.220	ug/l	100
57) 1,3-Dichloropropane	9.37	76	405141	51.059	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	950851	259.780	ug/l	100
59) 2-Hexanone	9.48	43	1354509	277.227	ug/l	100
60) Dibromochloromethane	9.58	129	271509	55.659	ug/l	100
61) 1,2-Dibromoethane	9.67	107	259314	50.966	ug/l	100
64) Tetrachloroethene	9.33	164	306889	51.656	ug/l	100
65) Chlorobenzene	10.14	112	658350	50.158	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	244363	52.385	ug/l	100
67) Ethyl Benzene	10.25	91	1161251	52.839	ug/l	100
68) m/p-Xylenes	10.36	106	885276	104.869	ug/l	100
69) o-Xylene	10.70	106	426481	52.722	ug/l	100
70) Styrene	10.71	104	740043	55.153	ug/l	100
71) Bromoform	10.85	173	213529	57.150	ug/l	100
73) Isopropylbenzene	11.01	105	1149931	53.713	ug/l	100
74) N-amyl acetate	10.89	43	493958	58.499	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	356352	50.550	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	302699m	40.817	ug/l	
77) Bromobenzene	11.25	156	304766	50.691	ug/l	100
78) n-propylbenzene	11.35	91	1315831	53.345	ug/l	100
79) 2-Chlorotoluene	11.42	91	757120	51.875	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	961822	54.775	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	129939	62.701	ug/l	100
82) 4-Chlorotoluene	11.51	91	902121	52.525	ug/l	100
83) tert-Butylbenzene	11.76	119	884348	52.551	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	965939	54.283	ug/l	100
85) sec-Butylbenzene	11.94	105	1113810	53.402	ug/l	100
86) p-Isopropyltoluene	12.06	119	1051834	54.123	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	553869	51.565	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	553330	51.371	ug/l	100
89) n-Butylbenzene	12.39	91	942466	54.781	ug/l	100
90) Hexachloroethane	12.59	117	182969	55.243	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	536509	51.104	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	82169	49.221	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	402448	52.800	ug/l	100
94) Hexachlorobutadiene	13.78	225	195036	51.965	ug/l	100
95) Naphthalene	13.83	128	1149611	58.293	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	398304	53.913	ug/l	100

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

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