

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102120\
 Data File : VX019009.D
 Acq On : 21 Oct 2020 19:08
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 1:52:42 PM

Quant Time: Oct 22 17:57:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 01:25:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	263876	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	433672	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	404163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201393	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	144555	39.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.80%	
35) Dibromofluoromethane	5.47	113	129689	43.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.68%	
50) Toluene-d8	8.70	98	498724	46.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.20%	
62) 4-Bromofluorobenzene	11.12	95	178723	42.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	133402	53.138	ug/l	100
3) Chloromethane	1.31	50	127756	44.217	ug/l	100
4) Vinyl Chloride	1.39	62	154324	49.666	ug/l	100
5) Bromomethane	1.64	94	143347	68.727	ug/l	100
6) Chloroethane	1.71	64	104220	57.061	ug/l	100
7) Trichlorofluoromethane	1.92	101	257911	53.699	ug/l	100
8) Diethyl Ether	2.17	74	99198	57.566	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	118598	47.202	ug/l	100
10) Methyl Iodide	2.49	142	165831	59.723	ug/l	100
11) Tert butyl alcohol	3.03	59	152864	237.426	ug/l	100
12) 1,1-Dichloroethene	2.36	96	123192	48.362	ug/l	100
13) Acrolein	2.28	56	54783	145.871	ug/l	100
14) Allyl chloride	2.71	41	160530	34.299	ug/l	100
15) Acrylonitrile	3.12	53	301936	202.796	ug/l	100
16) Acetone	2.42	43	255861	186.948	ug/l	100
17) Carbon Disulfide	2.55	76	347865	46.067	ug/l	100
18) Methyl Acetate	2.75	43	131968	38.889	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	399320	45.395	ug/l	100
20) Methylene Chloride	2.84	84	140987	44.985	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	143005	48.066	ug/l	100
22) Diisopropyl ether	3.82	45	322554	36.504	ug/l	100
23) Vinyl Acetate	3.79	43	1547750	196.628	ug/l	100
24) 1,1-Dichloroethane	3.67	63	233548	44.193	ug/l	100
25) 2-Butanone	4.64	43	423928	198.659	ug/l	100
26) 2,2-Dichloropropane	4.55	77	215349	44.015	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	165318	49.466	ug/l	100
28) Bromochloromethane	4.98	49	97729	40.296	ug/l	100
29) Tetrahydrofuran	5.09	42	246469	185.740	ug/l	100
30) Chloroform	5.18	83	257883	47.592	ug/l	100
31) Cyclohexane	5.55	56	181347	41.707	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	233973	46.302	ug/l	100
36) 1,1-Dichloropropene	5.77	75	190628	45.978	ug/l	100
37) Ethyl Acetate	4.79	43	167034	38.922	ug/l	100
38) Carbon Tetrachloride	5.76	117	204919	45.044	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	215733	46.314	ug/l	100
40) Benzene	6.11	78	572752	47.783	ug/l	100
41) Methacrylonitrile	5.00	41	87393	36.761	ug/l	100
42) 1,2-Dichloroethane	6.16	62	197623	43.175	ug/l	100
43) Isopropyl Acetate	6.41	43	284438	39.777	ug/l	100
44) Trichloroethene	7.19	130	165036	47.579	ug/l	100
45) 1,2-Dichloropropane	7.49	63	136658	42.262	ug/l	100
46) Dibromomethane	7.64	93	103364	46.076	ug/l	100
47) Bromodichloromethane	7.87	83	208074	46.076	ug/l	100
48) Methyl methacrylate	7.74	41	134337	38.866	ug/l	100
49) 1,4-Dioxane	7.73	88	62299	1026.354	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	859339	202.257	ug/l	100
52) Toluene	8.76	92	381155	50.075	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	233197	45.490	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	247174	46.751	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	154137	49.086	ug/l	100
56) Ethyl methacrylate	9.16	69	228723	49.486	ug/l	100
57) 1,3-Dichloropropane	9.35	76	248018	47.297	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	580645	237.397	ug/l	100
59) 2-Hexanone	9.47	43	641676	199.461	ug/l	100
60) Dibromochloromethane	9.57	129	174963	47.152	ug/l	100
61) 1,2-Dibromoethane	9.65	107	167228	50.053	ug/l	100
64) Tetrachloroethene	9.32	164	144716	45.915	ug/l	100
65) Chlorobenzene	10.12	112	421844	50.516	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	156585	47.372	ug/l	100
67) Ethyl Benzene	10.23	91	728700	50.675	ug/l	100
68) m/p-Xylenes	10.34	106	569828	103.974	ug/l	100
69) o-Xylene	10.68	106	271712	52.402	ug/l	100
70) Styrene	10.70	104	465716	52.376	ug/l	100
71) Bromoform	10.84	173	127074	46.249	ug/l	100
73) Isopropylbenzene	11.00	105	733699	53.814	ug/l	100
74) N-amyl acetate	10.88	43	239304	41.148	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	220497	49.447	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	202757m	48.214	ug/l	
77) Bromobenzene	11.24	156	182472	49.076	ug/l	100
78) n-propylbenzene	11.34	91	827128	52.214	ug/l	100
79) 2-Chlorotoluene	11.40	91	480294	50.343	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	607065	52.435	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	81333	49.509	ug/l	100
82) 4-Chlorotoluene	11.49	91	569306	50.216	ug/l	100
83) tert-Butylbenzene	11.76	119	602943	53.438	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	611538	52.567	ug/l	100
85) sec-Butylbenzene	11.93	105	723836	54.167	ug/l	100
86) p-Isopropyltoluene	12.05	119	663815	54.284	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	325365	48.774	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	330320	48.774	ug/l	100
89) n-Butylbenzene	12.37	91	593492	52.527	ug/l	100
90) Hexachloroethane	12.58	117	105750	44.543	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	312949	49.905	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	48822	46.069	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	220613	50.258	ug/l	100
94) Hexachlorobutadiene	13.76	225	99443	53.378	ug/l	100
95) Naphthalene	13.82	128	728927	54.900	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	218148	52.010	ug/l	100

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

