

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101220\
 Data File : VX018898.D
 Acq On : 12 Oct 2020 12:35
 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
 10/13/2020 2:19:13 PM

Quant Time: Oct 13 04:14:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	261024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	375660	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	355138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	198936	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	176768	45.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.84%	
35) Dibromofluoromethane	5.46	113	132061	49.33	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	98.66%	
50) Toluene-d8	8.70	98	457263	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
62) 4-Bromofluorobenzene	11.12	95	182749	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	159953	51.762	ug/l	97
3) Chloromethane	1.31	50	143165	58.519	ug/l	99
4) Vinyl Chloride	1.39	62	151868	55.532	ug/l	95
5) Bromomethane	1.62	94	83469	54.801	ug/l	97
6) Chloroethane	1.71	64	97652	53.315	ug/l	94
7) Trichlorofluoromethane	1.92	101	267751	49.670	ug/l	99
8) Diethyl Ether	2.17	74	77615	51.632	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	128227	49.529	ug/l	98
10) Methyl Iodide	2.49	142	112389	42.011	ug/l	96
11) Tert butyl alcohol	3.01	59	158449	261.318	ug/l	98
12) 1,1-Dichloroethene	2.36	96	123604	51.292	ug/l	95
13) Acrolein	2.27	56	125515	248.797	ug/l	99
14) Allyl chloride	2.70	41	233509	53.426	ug/l	93
15) Acrylonitrile	3.11	53	345532	268.696	ug/l	100
16) Acetone	2.42	43	360771	248.231	ug/l	99
17) Carbon Disulfide	2.55	76	359925	50.918	ug/l	99
18) Methyl Acetate	2.75	43	170999	53.433	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	404250	50.015	ug/l	98
20) Methylene Chloride	2.83	84	144155	52.471	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	141107	50.467	ug/l	96
22) Diisopropyl ether	3.82	45	434533	55.551	ug/l	98
23) Vinyl Acetate	3.78	43	2110438	280.530	ug/l	100
24) 1,1-Dichloroethane	3.67	63	266302	50.635	ug/l	98
25) 2-Butanone	4.63	43	544607	261.175	ug/l	95
26) 2,2-Dichloropropane	4.54	77	225058	44.352	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	149689	48.209	ug/l	98
28) Bromochloromethane	4.98	49	123713	53.161	ug/l	85
29) Tetrahydrofuran	5.08	42	306268	273.755	ug/l	96
30) Chloroform	5.17	83	278122	47.999	ug/l	99
31) Cyclohexane	5.54	56	197682	54.976	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	260230	47.259	ug/l	99
36) 1,1-Dichloropropene	5.76	75	203073	51.415	ug/l	99
37) Ethyl Acetate	4.79	43	214244	56.170	ug/l	99
38) Carbon Tetrachloride	5.75	117	240690	49.166	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	197262	54.179	ug/l	97
40) Benzene	6.11	78	555863	52.384	ug/l	99
41) Methacrylonitrile	5.00	41	115828	52.348	ug/l	99
42) 1,2-Dichloroethane	6.16	62	239605	48.163	ug/l	100
43) Isopropyl Acetate	6.41	43	334910	52.835	ug/l	99
44) Trichloroethene	7.18	130	156964	49.324	ug/l	91
45) 1,2-Dichloropropane	7.49	63	149257	53.159	ug/l	98
46) Dibromomethane	7.63	93	102352	49.328	ug/l	99
47) Bromodichloromethane	7.87	83	228933	50.915	ug/l	95
48) Methyl methacrylate	7.74	41	175689	54.623	ug/l	96
49) 1,4-Dioxane	7.71	88	56461	1251.927	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	989273	267.393	ug/l	100
52) Toluene	8.76	92	352974	51.834	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	231880	49.805	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	241361	50.395	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	143567	49.082	ug/l	99
56) Ethyl methacrylate	9.16	69	202796	47.641	ug/l	97
57) 1,3-Dichloropropane	9.35	76	244650	51.547	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	539874	255.103	ug/l	99
59) 2-Hexanone	9.47	43	759905	269.591	ug/l	100
60) Dibromochloromethane	9.56	129	180700	49.213	ug/l	98
61) 1,2-Dibromoethane	9.65	107	153753	49.017	ug/l	98
64) Tetrachloroethene	9.32	164	146126	56.506	ug/l	94
65) Chlorobenzene	10.12	112	376338	49.036	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	160007	50.536	ug/l	99
67) Ethyl Benzene	10.23	91	679000	52.444	ug/l	98
68) m/p-Xylenes	10.34	106	525058	106.742	ug/l	98
69) o-Xylene	10.68	106	241531	52.117	ug/l	100
70) Styrene	10.70	104	438484	55.887	ug/l	98
71) Bromoform	10.84	173	135252	49.388	ug/l #	96
73) Isopropylbenzene	11.00	105	683395	52.514	ug/l	100
74) N-amyl acetate	10.88	43	275180	53.447	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	215894	49.775	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	213222m	49.743	ug/l	
77) Bromobenzene	11.24	156	182616	51.085	ug/l	98
78) n-propylbenzene	11.34	91	797108	53.755	ug/l	99
79) 2-Chlorotoluene	11.40	91	467447	50.571	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	588061	52.829	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	77040	50.934	ug/l	94
82) 4-Chlorotoluene	11.49	91	573648	52.193	ug/l	99
83) tert-Butylbenzene	11.76	119	569390	51.078	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	615807	54.421	ug/l	97
85) sec-Butylbenzene	11.93	105	646708	51.496	ug/l	98
86) p-Isopropyltoluene	12.05	119	626611	52.594	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	327595	49.899	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	326171	49.048	ug/l	97
89) n-Butylbenzene	12.37	91	532034	51.395	ug/l	100
90) Hexachloroethane	12.58	117	106813	48.224	ug/l	89
91) 1,2-Dichlorobenzene	12.37	146	302312	48.376	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51242	46.193	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	216411	53.979	ug/l	95
94) Hexachlorobutadiene	13.77	225	101748	57.138	ug/l	99
95) Naphthalene	13.82	128	630016	47.249	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	210568	53.682	ug/l	99

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

