

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091720\
 Data File : VX018460.D
 Acq On : 17 Sep 2020 11:06
 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
 9/18/2020 12:19:39 PM

Quant Time: Sep 17 12:08:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 11:50:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	568187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	899617	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	848510	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	451435	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	370530	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	
35) Dibromofluoromethane	5.46	113	289506	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
50) Toluene-d8	8.70	98	1073386	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
62) 4-Bromofluorobenzene	11.12	95	423503	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	281617	42.435	ug/l	100
3) Chloromethane	1.31	50	300682	42.356	ug/l	100
4) Vinyl Chloride	1.39	62	328079	46.008	ug/l	100
5) Bromomethane	1.63	94	210336	57.994	ug/l	100
6) Chloroethane	1.71	64	190914	49.314	ug/l	100
7) Trichlorofluoromethane	1.92	101	495655	50.169	ug/l	100
8) Diethyl Ether	2.17	74	168059	50.023	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	270151	50.344	ug/l	100
10) Methyl Iodide	2.49	142	334658	63.869	ug/l	100
11) Tert butyl alcohol	3.01	59	344425	228.545	ug/l	100
12) 1,1-Dichloroethene	2.36	96	270547	48.789	ug/l	100
13) Acrolein	2.28	56	214068	313.636	ug/l	100
14) Allyl chloride	2.71	41	521256	52.029	ug/l	100
15) Acrylonitrile	3.12	53	846832	244.174	ug/l	100
16) Acetone	2.42	43	741489	240.727	ug/l	100
17) Carbon Disulfide	2.55	76	801063	47.661	ug/l	100
18) Methyl Acetate	2.75	43	376956	50.659	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	972287	50.962	ug/l	100
20) Methylene Chloride	2.84	84	313774	45.262	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	304528	49.326	ug/l	100
22) Diisopropyl ether	3.82	45	999563	50.754	ug/l	100
23) Vinyl Acetate	3.79	43	4549783	259.743	ug/l	100
24) 1,1-Dichloroethane	3.67	63	556871	49.781	ug/l	100
25) 2-Butanone	4.64	43	1201028	239.456	ug/l	100
26) 2,2-Dichloropropane	4.55	77	507196	54.447	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	347441	48.888	ug/l	100
28) Bromochloromethane	4.98	49	266472	49.163	ug/l	100
29) Tetrahydrofuran	5.09	42	770606	242.018	ug/l	100
30) Chloroform	5.18	83	573504	49.483	ug/l	100
31) Cyclohexane	5.56	56	481635	50.863	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	540436	50.554	ug/l	100
36) 1,1-Dichloropropene	5.77	75	434779	52.120	ug/l	100
37) Ethyl Acetate	4.79	43	473016	49.152	ug/l	100
38) Carbon Tetrachloride	5.76	117	495049	52.577	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	491671	53.686	ug/l	100
40) Benzene	6.12	78	1235688	50.536	ug/l	100
41) Methacrylonitrile	5.00	41	256163	48.566	ug/l	100
42) 1,2-Dichloroethane	6.16	62	481945	51.284	ug/l	100
43) Isopropyl Acetate	6.42	43	781701	50.298	ug/l	100
44) Trichloroethene	7.19	130	356940	51.522	ug/l	100
45) 1,2-Dichloropropane	7.49	63	331656	50.498	ug/l	100
46) Dibromomethane	7.64	93	233984	50.420	ug/l	100
47) Bromodichloromethane	7.88	83	474306	51.323	ug/l	100
48) Methyl methacrylate	7.74	41	387035	50.052	ug/l	100
49) 1,4-Dioxane	7.71	88	120389	889.121	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	2381333	249.603	ug/l	100
52) Toluene	8.77	92	777838	50.356	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	535334	52.145	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	562202	51.669	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	325780	49.546	ug/l	100
56) Ethyl methacrylate	9.16	69	504681	51.538	ug/l	100
57) 1,3-Dichloropropane	9.35	76	544544	50.137	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1320452	290.283	ug/l	100
59) 2-Hexanone	9.48	43	1831874	252.786	ug/l	100
60) Dibromochloromethane	9.57	129	391159	50.632	ug/l	100
61) 1,2-Dibromoethane	9.65	107	353363	49.529	ug/l	100
64) Tetrachloroethene	9.32	164	322761	51.508	ug/l	100
65) Chlorobenzene	10.12	112	867751	51.098	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	349576	52.127	ug/l	100
67) Ethyl Benzene	10.24	91	1545646	53.348	ug/l	100
68) m/p-Xylenes	10.34	106	1156835	107.337	ug/l	100
69) o-Xylene	10.68	106	554653	52.972	ug/l	100
70) Styrene	10.70	104	988991	55.310	ug/l	100
71) Bromoform	10.84	173	301746	52.779	ug/l	100
73) Isopropylbenzene	11.00	105	1523485	51.355	ug/l	100
74) N-amyl acetate	10.88	43	698684	50.149	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	490163	46.945	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	472499m	47.391	ug/l	
77) Bromobenzene	11.24	156	404960	49.221	ug/l	100
78) n-propylbenzene	11.34	91	1791437	52.798	ug/l	100
79) 2-Chlorotoluene	11.40	91	1071283	51.347	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1312688	53.637	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	187243	50.433	ug/l	100
82) 4-Chlorotoluene	11.49	91	1272221	51.227	ug/l	100
83) tert-Butylbenzene	11.76	119	1276432	52.732	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1339764	53.487	ug/l	100
85) sec-Butylbenzene	11.93	105	1500208	54.344	ug/l	100
86) p-Isopropyltoluene	12.05	119	1411069	55.574	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	731706	50.351	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	737068	50.641	ug/l	100
89) n-Butylbenzene	12.37	91	1273792	54.687	ug/l	100
90) Hexachloroethane	12.58	117	266885	53.490	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	685467	50.479	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	123760	47.324	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	466391	51.231	ug/l	100
94) Hexachlorobutadiene	13.76	225	197006	54.006	ug/l	100
95) Naphthalene	13.82	128	1535248	51.573	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	462621	51.239	ug/l	100

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

