

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091820\
 Data File : VX018481.D
 Acq On : 18 Sep 2020 10:28
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/21/2020 11:50:41 AM

Quant Time: Sep 18 15:45:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	458690	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	683482	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	656699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	351790	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	313166	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
35) Dibromofluoromethane	5.46	113	245639	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
50) Toluene-d8	8.70	98	874766	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
62) 4-Bromofluorobenzene	11.12	95	347346	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	224454	51.613	ug/l	98
3) Chloromethane	1.31	50	241462	47.427	ug/l	100
4) Vinyl Chloride	1.39	62	251064	46.580	ug/l	100
5) Bromomethane	1.62	94	163730	49.493	ug/l	98
6) Chloroethane	1.71	64	153853	49.875	ug/l	99
7) Trichlorofluoromethane	1.92	101	432997	52.881	ug/l	98
8) Diethyl Ether	2.17	74	134166	46.701	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	222716	50.534	ug/l	99
10) Methyl Iodide	2.49	142	257238	47.450	ug/l	95
11) Tert butyl alcohol	3.01	59	268496	237.810	ug/l	99
12) 1,1-Dichloroethene	2.36	96	214468	48.281	ug/l	91
13) Acrolein	2.27	56	145137	203.019	ug/l	98
14) Allyl chloride	2.70	41	385377	44.769	ug/l	96
15) Acrylonitrile	3.11	53	612043	227.194	ug/l	99
16) Acetone	2.42	43	588689	237.222	ug/l	98
17) Carbon Disulfide	2.55	76	611689	46.108	ug/l	98
18) Methyl Acetate	2.75	43	276471	44.965	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	766347	49.145	ug/l	98
20) Methylene Chloride	2.83	84	243605	44.491	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	238605	46.218	ug/l	97
22) Diisopropyl ether	3.82	45	759157	46.918	ug/l	91
23) Vinyl Acetate	3.78	43	3412560	238.010	ug/l	100
24) 1,1-Dichloroethane	3.67	63	434131	46.523	ug/l	99
25) 2-Butanone	4.63	43	887501	229.655	ug/l	98
26) 2,2-Dichloropropane	4.55	77	418558	48.546	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	266085	45.984	ug/l	99
28) Bromochloromethane	4.98	49	215322	49.311	ug/l	97
29) Tetrahydrofuran	5.09	42	542764	222.834	ug/l	98
30) Chloroform	5.17	83	462028	48.799	ug/l	97
31) Cyclohexane	5.55	56	368574	46.936	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	438439	49.361	ug/l	99
36) 1,1-Dichloropropene	5.76	75	339839	51.228	ug/l	99
37) Ethyl Acetate	4.79	43	336521	47.504	ug/l	99
38) Carbon Tetrachloride	5.75	117	411358	55.989	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	381039	51.125	ug/l	96
40) Benzene	6.11	78	942692	49.585	ug/l	100
41) Methacrylonitrile	5.00	41	184949	46.985	ug/l	99
42) 1,2-Dichloroethane	6.16	62	388122	52.475	ug/l	98
43) Isopropyl Acetate	6.41	43	562370	47.839	ug/l	99
44) Trichloroethene	7.19	130	276919	50.315	ug/l	95
45) 1,2-Dichloropropane	7.49	63	249041	47.725	ug/l	100
46) Dibromomethane	7.63	93	179564	50.086	ug/l	99
47) Bromodichloromethane	7.87	83	376998	52.178	ug/l	98
48) Methyl methacrylate	7.74	41	283851	49.608	ug/l	99
49) 1,4-Dioxane	7.71	88	111009	1174.149	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1729686	247.119	ug/l	99
52) Toluene	8.76	92	602767	50.383	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	424878	51.752	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	433179	51.216	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	249706	50.300	ug/l	97
56) Ethyl methacrylate	9.16	69	376247	51.114	ug/l	98
57) 1,3-Dichloropropane	9.35	76	416025	49.879	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	993963	253.981	ug/l	98
59) 2-Hexanone	9.47	43	1359442	255.351	ug/l	99
60) Dibromochloromethane	9.56	129	320016	54.062	ug/l	97
61) 1,2-Dibromoethane	9.65	107	276959	52.435	ug/l	98
64) Tetrachloroethene	9.32	164	261001	50.483	ug/l	95
65) Chlorobenzene	10.12	112	681801	50.420	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	276485	50.969	ug/l	99
67) Ethyl Benzene	10.23	91	1217609	52.022	ug/l	98
68) m/p-Xylenes	10.34	106	916537	103.517	ug/l	97
69) o-Xylene	10.68	106	436479	52.060	ug/l	100
70) Styrene	10.70	104	775996	53.603	ug/l	98
71) Bromoform	10.84	173	245190	53.833	ug/l #	97
73) Isopropylbenzene	11.00	105	1223527	52.063	ug/l	100
74) N-amyl acetate	10.88	43	510103	48.213	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	366178	47.074	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	362292m	49.007	ug/l	
77) Bromobenzene	11.24	156	321467	49.576	ug/l	99
78) n-propylbenzene	11.34	91	1431524	52.040	ug/l	100
79) 2-Chlorotoluene	11.40	91	844065	50.691	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	1076413	53.557	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	141102	48.910	ug/l	97
82) 4-Chlorotoluene	11.49	91	1028194	51.946	ug/l	100
83) tert-Butylbenzene	11.76	119	1036297	53.106	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1088313	53.768	ug/l	98
85) sec-Butylbenzene	11.93	105	1204257	52.303	ug/l	100
86) p-Isopropyltoluene	12.05	119	1153545	54.514	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	592746	50.841	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	602650	50.980	ug/l	99
89) n-Butylbenzene	12.37	91	1027396	52.446	ug/l	99
90) Hexachloroethane	12.58	117	217743	51.543	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	542486	49.714	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	92461	48.963	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	382406	50.352	ug/l	97
94) Hexachlorobutadiene	13.77	225	164143	51.505	ug/l	97
95) Naphthalene	13.82	128	1159417	50.550	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	369622	50.925	ug/l	98

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

