

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072720\
 Data File : VX017642.D
 Acq On : 28 Jul 2020 01:00
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/28/2020 10:07:49 AM

Quant Time: Jul 28 02:45:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	513217	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	801587	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	852863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	411583	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	358960	54.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.90%	
35) Dibromofluoromethane	5.46	113	293154	54.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.36%	
50) Toluene-d8	8.70	98	992742	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
62) 4-Bromofluorobenzene	11.12	95	440305	56.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	241662	50.770	ug/l	99
3) Chloromethane	1.31	50	307180	48.433	ug/l	99
4) Vinyl Chloride	1.39	62	293010	45.370	ug/l	99
5) Bromomethane	1.62	94	182619	52.779	ug/l	97
6) Chloroethane	1.71	64	182115	51.156	ug/l	99
7) Trichlorofluoromethane	1.91	101	458414	45.128	ug/l	98
8) Diethyl Ether	2.17	74	165921	50.392	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	237985	42.693	ug/l	99
10) Methyl Iodide	2.49	142	315542	44.246	ug/l	99
11) Tert butyl alcohol	3.02	59	309429	222.703	ug/l	100
12) 1,1-Dichloroethene	2.36	96	248271	46.835	ug/l	98
13) Acrolein	2.28	56	345706	324.630	ug/l	100
14) Allyl chloride	2.71	41	446882	46.168	ug/l	97
15) Acrylonitrile	3.12	53	771100	256.948	ug/l	100
16) Acetone	2.42	43	707479	243.824	ug/l	97
17) Carbon Disulfide	2.55	76	696410	43.222	ug/l	98
18) Methyl Acetate	2.75	43	342590	50.133	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	896063	48.838	ug/l	99
20) Methylene Chloride	2.84	84	296346	54.340	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	276835	48.748	ug/l	96
22) Diisopropyl ether	3.83	45	913764	51.629	ug/l	98
23) Vinyl Acetate	3.79	43	4091802	259.296	ug/l	100
24) 1,1-Dichloroethane	3.67	63	494862	48.538	ug/l	99
25) 2-Butanone	4.64	43	1108740	268.980	ug/l	97
26) 2,2-Dichloropropane	4.55	77	386113	42.308	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	325763	52.814	ug/l	97
28) Bromochloromethane	4.98	49	229614	49.699	ug/l	99
29) Tetrahydrofuran	5.09	42	706536	276.717	ug/l	100
30) Chloroform	5.18	83	535140	51.370	ug/l	100
31) Cyclohexane	5.55	56	369384	45.433	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	498109	50.706	ug/l	100
36) 1,1-Dichloropropene	5.77	75	368096	47.880	ug/l	99
37) Ethyl Acetate	4.80	43	414010	49.218	ug/l	100
38) Carbon Tetrachloride	5.76	117	454095	48.639	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	366190	40.802	ug/l	99
40) Benzene	6.12	78	1118390	50.741	ug/l	99
41) Methacrylonitrile	5.01	41	249933	51.837	ug/l	99
42) 1,2-Dichloroethane	6.16	62	466947	51.785	ug/l	98
43) Isopropyl Acetate	6.42	43	674311	48.585	ug/l	100
44) Trichloroethene	7.19	130	335545	52.093	ug/l	96
45) 1,2-Dichloropropane	7.49	63	284001	46.481	ug/l	100
46) Dibromomethane	7.63	93	208546	48.296	ug/l	97
47) Bromodichloromethane	7.88	83	437243	50.324	ug/l	95
48) Methyl methacrylate	7.75	41	333117	48.420	ug/l	98
49) 1,4-Dioxane	7.71	88	115886	878.592	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	2106297	254.352	ug/l	99
52) Toluene	8.76	92	696462	49.271	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	474324	48.768	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	474002	47.780	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	318129	54.026	ug/l	98
56) Ethyl methacrylate	9.16	69	496711	55.990	ug/l	99
57) 1,3-Dichloropropane	9.35	76	477983	49.297	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1124782	240.655	ug/l	99
59) 2-Hexanone	9.48	43	1600194	256.660	ug/l	100
60) Dibromochloromethane	9.57	129	381672	50.997	ug/l	100
61) 1,2-Dibromoethane	9.65	107	354371	56.527	ug/l	98
64) Tetrachloroethene	9.32	164	314887	41.136	ug/l	98
65) Chlorobenzene	10.12	112	868287	47.035	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	350121	46.994	ug/l	98
67) Ethyl Benzene	10.24	91	1491668	48.407	ug/l	99
68) m/p-Xylenes	10.34	106	1120760	93.883	ug/l	96
69) o-Xylene	10.68	106	541807	47.190	ug/l	99
70) Styrene	10.70	104	965740	49.437	ug/l	99
71) Bromoform	10.84	173	314666	48.749	ug/l	# 98
73) Isopropylbenzene	11.00	105	1464030	51.851	ug/l	99
74) N-amyl acetate	10.88	43	685387	54.634	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	445381	50.536	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	452659m	53.465	ug/l	
77) Bromobenzene	11.24	156	405610	51.313	ug/l	99
78) n-propylbenzene	11.34	91	1661341	52.170	ug/l	99
79) 2-Chlorotoluene	11.40	91	1020987	51.757	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1227763	50.929	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	162626	48.401	ug/l	97
82) 4-Chlorotoluene	11.49	91	1175406	50.512	ug/l	99
83) tert-Butylbenzene	11.76	119	1110906	48.159	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1196170	49.886	ug/l	99
85) sec-Butylbenzene	11.93	105	1231824	45.841	ug/l	100
86) p-Isopropyltoluene	12.05	119	1183010	46.229	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	668088	49.218	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	646483	45.980	ug/l	99
89) n-Butylbenzene	12.37	91	939546	41.204	ug/l	99
90) Hexachloroethane	12.58	117	218760	43.361	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	609779	45.707	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	108347	43.808	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	415846	45.672	ug/l	100
94) Hexachlorobutadiene	13.77	225	138540	33.055	ug/l	97
95) Naphthalene	13.82	128	1363596	50.168	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	440855	49.037	ug/l	98

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

