

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030220\
 Data File : VX015068.D
 Acq On : 02 Mar 2020 15:52
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/3/2020 9:51:39 AM

Quant Time: Mar 02 16:39:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	415376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	609702	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	565416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	298394	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	214794	45.82	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	91.64%	
35) Dibromofluoromethane	5.48	113	183245	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
50) Toluene-d8	8.71	98	710654	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
62) 4-Bromofluorobenzene	11.13	95	263253	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	166085	42.221	ug/l	98
3) Chloromethane	1.32	50	211779	47.487	ug/l	98
4) Vinyl Chloride	1.40	62	225213	46.877	ug/l	99
5) Bromomethane	1.63	94	125720	40.427	ug/l	95
6) Chloroethane	1.72	64	140892	45.833	ug/l	98
7) Trichlorofluoromethane	1.92	101	286163	42.632	ug/l	100
8) Diethyl Ether	2.18	74	131726	47.324	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	182216	46.767	ug/l	97
10) Methyl Iodide	2.50	142	202013	46.813	ug/l	99
11) Tert butyl alcohol	3.03	59	214534	259.192	ug/l	100
12) 1,1-Dichloroethene	2.36	96	173768	45.640	ug/l	97
13) Acrolein	2.28	56	159098	252.198	ug/l	97
14) Allyl chloride	2.72	41	328259	48.629	ug/l	95
15) Acrylonitrile	3.12	53	576345	274.673	ug/l	99
16) Acetone	2.43	43	548687	216.423	ug/l	97
17) Carbon Disulfide	2.56	76	422876	39.752	ug/l	99
18) Methyl Acetate	2.76	43	278286	58.942	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	613991	49.552	ug/l	98
20) Methylene Chloride	2.84	84	205105	45.482	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	184520	43.922	ug/l	99
22) Diisopropyl ether	3.84	45	670027	51.970	ug/l	95
23) Vinyl Acetate	3.80	43	2839915	267.213	ug/l	99
24) 1,1-Dichloroethane	3.69	63	355409	48.845	ug/l	99
25) 2-Butanone	4.65	43	816116	255.717	ug/l	99
26) 2,2-Dichloropropane	4.57	77	287174	45.797	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	221738	47.217	ug/l	99
28) Bromochloromethane	5.00	49	148958	52.816	ug/l	95
29) Tetrahydrofuran	5.11	42	505246	278.488	ug/l	98
30) Chloroform	5.19	83	347328	48.112	ug/l	99
31) Cyclohexane	5.56	56	306666	46.273	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	292438	46.309	ug/l	100
36) 1,1-Dichloropropene	5.78	75	255215	46.794	ug/l	100
37) Ethyl Acetate	4.81	43	297594	52.316	ug/l	99
38) Carbon Tetrachloride	5.77	117	246598	46.396	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	317914	46.608	ug/l	98
40) Benzene	6.13	78	792370	48.625	ug/l	99
41) Methacrylonitrile	5.02	41	170882	55.763	ug/l	98
42) 1,2-Dichloroethane	6.18	62	268210	45.539	ug/l	98
43) Isopropyl Acetate	6.43	43	500947	53.385	ug/l	99
44) Trichloroethene	7.20	130	216719	45.813	ug/l	98
45) 1,2-Dichloropropane	7.50	63	214019	51.498	ug/l	100
46) Dibromomethane	7.65	93	135981	47.868	ug/l	98
47) Bromodichloromethane	7.89	83	274291	48.697	ug/l	97
48) Methyl methacrylate	7.76	41	244733	52.995	ug/l	98
49) 1,4-Dioxane	7.73	88	88237	1021.933	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	1566073	276.392	ug/l	100
52) Toluene	8.78	92	503914	48.688	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	311024	50.385	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	340034	49.863	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	213976	51.100	ug/l	98
56) Ethyl methacrylate	9.17	69	339694	53.971	ug/l	98
57) 1,3-Dichloropropane	9.36	76	351614	49.883	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	884283	268.645	ug/l	99
59) 2-Hexanone	9.48	43	1216010	273.037	ug/l	99
60) Dibromochloromethane	9.57	129	226614	50.288	ug/l	98
61) 1,2-Dibromoethane	9.67	107	219456	48.573	ug/l	99
64) Tetrachloroethene	9.33	164	215582	40.780	ug/l	99
65) Chlorobenzene	10.13	112	548204	47.802	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	210347	50.522	ug/l	99
67) Ethyl Benzene	10.25	91	967801	49.621	ug/l	100
68) m/p-Xylenes	10.35	106	743829	98.999	ug/l	98
69) o-Xylene	10.69	106	357142	49.449	ug/l	100
70) Styrene	10.71	104	623439	51.024	ug/l	99
71) Bromoform	10.85	173	179686	51.705	ug/l	99
73) Isopropylbenzene	11.01	105	971726	51.929	ug/l	100
74) N-amyl acetate	10.89	43	441517	56.785	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	327290	53.505	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	277907m	51.503	ug/l	
77) Bromobenzene	11.25	156	252980	48.437	ug/l	99
78) n-propylbenzene	11.35	91	1111603	51.361	ug/l	100
79) 2-Chlorotoluene	11.42	91	646993	50.849	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	811212	51.883	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	113197	53.698	ug/l	98
82) 4-Chlorotoluene	11.51	91	760767	50.490	ug/l	99
83) tert-Butylbenzene	11.76	119	792647	53.535	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	820045	52.043	ug/l	100
85) sec-Butylbenzene	11.94	105	970177	52.746	ug/l	99
86) p-Isopropyltoluene	12.06	119	890025	51.709	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	447936	47.807	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	450533	47.086	ug/l	100
89) n-Butylbenzene	12.38	91	763083	49.501	ug/l	100
90) Hexachloroethane	12.59	117	150083	49.930	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	435439	47.389	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	70089	48.840	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	322851	47.603	ug/l	99
94) Hexachlorobutadiene	13.78	225	162320	49.482	ug/l	98
95) Naphthalene	13.83	128	972171	53.912	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	327895	50.041	ug/l	99

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

