

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040620\
 Data File : VX015527.D
 Acq On : 06 Apr 2020 20:43
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/7/2020 11:58:41 AM

Quant Time: Apr 07 07:53:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1098408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1768301	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1656996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	891440	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	784758	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
35) Dibromofluoromethane	5.47	113	575662	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
50) Toluene-d8	8.70	98	2105316	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
62) 4-Bromofluorobenzene	11.12	95	869376	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	503972	52.078	ug/l	99
3) Chloromethane	1.31	50	596179	48.376	ug/l	100
4) Vinyl Chloride	1.39	62	556300	49.161	ug/l	99
5) Bromomethane	1.62	94	264821	50.917	ug/l	95
6) Chloroethane	1.70	64	346808	49.416	ug/l	98
7) Trichlorofluoromethane	1.91	101	798665	52.628	ug/l	96
8) Diethyl Ether	2.17	74	316752	49.485	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	519658	52.527	ug/l	99
10) Methyl Iodide	2.49	142	758403	56.859	ug/l	99
11) Tert butyl alcohol	3.01	59	765998	206.576	ug/l	98
12) 1,1-Dichloroethene	2.36	96	525358	50.661	ug/l	99
13) Acrolein	2.27	56	610441	288.997	ug/l	100
14) Allyl chloride	2.70	41	1170164	48.293	ug/l	97
15) Acrylonitrile	3.12	53	1721424	243.430	ug/l	100
16) Acetone	2.42	43	1575621	236.734	ug/l	99
17) Carbon Disulfide	2.55	76	1496963	47.320	ug/l	99
18) Methyl Acetate	2.75	43	868605	51.133	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	2003922	49.825	ug/l	99
20) Methylene Chloride	2.83	84	597924	48.096	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	562337	48.861	ug/l	97
22) Diisopropyl ether	3.83	45	2154545	50.180	ug/l	97
23) Vinyl Acetate	3.79	43	9452528	243.152	ug/l	99
24) 1,1-Dichloroethane	3.67	63	1119840	49.536	ug/l	98
25) 2-Butanone	4.64	43	2518245	235.269	ug/l	99
26) 2,2-Dichloropropane	4.56	77	911485	49.121	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	658324	49.442	ug/l	98
28) Bromochloromethane	4.98	49	517856	47.978	ug/l	100
29) Tetrahydrofuran	5.09	42	1629636	236.827	ug/l	100
30) Chloroform	5.18	83	1098787	50.520	ug/l	99
31) Cyclohexane	5.55	56	1009775	51.490	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	1014656	51.549	ug/l	100
36) 1,1-Dichloropropene	5.78	75	816497	50.114	ug/l	100
37) Ethyl Acetate	4.79	43	999639	47.120	ug/l	100
38) Carbon Tetrachloride	5.76	117	874551	49.558	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	957373	50.963	ug/l	98
40) Benzene	6.12	78	2362558	49.502	ug/l	98
41) Methacrylonitrile	5.01	41	581557	49.382	ug/l	99
42) 1,2-Dichloroethane	6.17	62	967660	50.476	ug/l	99
43) Isopropyl Acetate	6.42	43	1720113	48.031	ug/l	100
44) Trichloroethene	7.19	130	645269	49.574	ug/l	98
45) 1,2-Dichloropropane	7.50	63	634004	48.560	ug/l	99
46) Dibromomethane	7.64	93	416412	48.621	ug/l	99
47) Bromodichloromethane	7.88	83	904937	49.588	ug/l	99
48) Methyl methacrylate	7.75	41	866145	48.421	ug/l	99
49) 1,4-Dioxane	7.72	88	271451	813.463	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	4973484	245.052	ug/l	100
52) Toluene	8.77	92	1498157	50.915	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	1041028	48.639	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	1072696	49.201	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	602229	49.955	ug/l	97
56) Ethyl methacrylate	9.16	69	1069368	50.333	ug/l	99
57) 1,3-Dichloropropane	9.36	76	1055580	48.599	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	2575976	249.267	ug/l	100
59) 2-Hexanone	9.48	43	3793554	247.577	ug/l	100
60) Dibromochloromethane	9.57	129	719990	49.702	ug/l	99
61) 1,2-Dibromoethane	9.65	107	655703	50.022	ug/l	100
64) Tetrachloroethene	9.32	164	601982	48.140	ug/l	93
65) Chlorobenzene	10.12	112	1620555	49.040	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	656026	49.692	ug/l	99
67) Ethyl Benzene	10.24	91	2944874	50.246	ug/l	100
68) m/p-Xylenes	10.34	106	2175755	99.695	ug/l	99
69) o-Xylene	10.68	106	1063259	49.303	ug/l	99
70) Styrene	10.70	104	1875902	49.432	ug/l	99
71) Bromoform	10.84	173	587622	48.895	ug/l #	99
73) Isopropylbenzene	11.01	105	2844096	48.693	ug/l	99
74) N-amyl acetate	10.89	43	1514489	46.620	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	931966	46.500	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	870140m	47.466	ug/l	
77) Bromobenzene	11.24	156	749185	48.087	ug/l	99
78) n-propylbenzene	11.35	91	3282581	49.149	ug/l	99
79) 2-Chlorotoluene	11.41	91	1990956	48.635	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	2410878	48.331	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	342428	44.821	ug/l	98
82) 4-Chlorotoluene	11.49	91	2338465	48.728	ug/l	100
83) tert-Butylbenzene	11.76	119	2382845	48.904	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	2447485	48.148	ug/l	99
85) sec-Butylbenzene	11.93	105	2793168	49.566	ug/l	99
86) p-Isopropyltoluene	12.05	119	2631161	50.295	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1388240	49.774	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	1362246	47.950	ug/l	98
89) n-Butylbenzene	12.37	91	2333483	49.359	ug/l	100
90) Hexachloroethane	12.58	117	475449	46.693	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	1340627	49.116	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	248489	43.927	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1047228	48.505	ug/l	98
94) Hexachlorobutadiene	13.77	225	451790	43.951	ug/l	97
95) Naphthalene	13.82	128	3154078	47.892	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	1031948	49.644	ug/l	98

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

