

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010720\
 Data File : VX014451.D
 Acq On : 07 Jan 2020 16:12
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX010720

Manual Integrations
 APPROVED

apatel
 1/8/2020 9:16:07 AM

Quant Time: Jan 08 02:37:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	566592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	833879	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	754570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	397961	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	297141	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
35) Dibromofluoromethane	5.48	113	247845	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
50) Toluene-d8	8.71	98	981374	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
62) 4-Bromofluorobenzene	11.13	95	363358	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	362087	51.466	ug/l	100
3) Chloromethane	1.32	50	381636	52.841	ug/l	98
4) Vinyl Chloride	1.40	62	416277	51.725	ug/l	98
5) Bromomethane	1.64	94	247475	46.390	ug/l	99
6) Chloroethane	1.72	64	224632	51.254	ug/l	99
7) Trichlorofluoromethane	1.92	101	454033	49.733	ug/l	98
8) Diethyl Ether	2.18	74	192916	46.318	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	273219	49.192	ug/l	100
10) Methyl Iodide	2.50	142	308736	46.422	ug/l	100
11) Tert butyl alcohol	3.02	59	288337	218.327	ug/l	100
12) 1,1-Dichloroethene	2.37	96	268874	48.048	ug/l	98
13) Acrolein	2.28	56	255586	241.449	ug/l	100
14) Allyl chloride	2.72	41	476513	48.502	ug/l	99
15) Acrylonitrile	3.13	53	751553	235.783	ug/l	98
16) Acetone	2.43	43	749410	236.069	ug/l	99
17) Carbon Disulfide	2.56	76	779144	49.900	ug/l	99
18) Methyl Acetate	2.76	43	442348	48.659	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	880043	48.990	ug/l	99
20) Methylene Chloride	2.85	84	296953	46.669	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	292366	47.857	ug/l	99
22) Diisopropyl ether	3.84	45	940937	49.558	ug/l	94
23) Vinyl Acetate	3.80	43	3730204	253.761	ug/l	99
24) 1,1-Dichloroethane	3.69	63	507768	49.162	ug/l	99
25) 2-Butanone	4.65	43	1090673	230.845	ug/l	100
26) 2,2-Dichloropropane	4.57	77	438012	50.062	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	325472	47.657	ug/l	99
28) Bromochloromethane	5.00	49	196111	45.061	ug/l	99
29) Tetrahydrofuran	5.11	42	661610	236.846	ug/l	99
30) Chloroform	5.20	83	494923	49.037	ug/l	99
31) Cyclohexane	5.57	56	497908	51.502	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	428389	49.587	ug/l	100
36) 1,1-Dichloropropene	5.79	75	394489	50.306	ug/l	99
37) Ethyl Acetate	4.81	43	410790	48.227	ug/l	99
38) Carbon Tetrachloride	5.78	117	374717	51.926	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	523709	53.157	ug/l	99
40) Benzene	6.13	78	1170052	50.272	ug/l	99
41) Methacrylonitrile	5.02	41	226190	49.796	ug/l	100
42) 1,2-Dichloroethane	6.18	62	396517	48.726	ug/l	100
43) Isopropyl Acetate	6.43	43	693054	50.367	ug/l	99
44) Trichloroethene	7.20	130	334948	50.078	ug/l	98
45) 1,2-Dichloropropane	7.50	63	302070	50.906	ug/l	100
46) Dibromomethane	7.65	93	197153	47.603	ug/l	99
47) Bromodichloromethane	7.89	83	391542	51.956	ug/l	100
48) Methyl methacrylate	7.76	41	340002	51.591	ug/l	99
49) 1,4-Dioxane	7.73	88	120874	865.597	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	2068774	246.724	ug/l	99
52) Toluene	8.78	92	745986	50.070	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	453098	51.643	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	500363	52.794	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	295984	49.460	ug/l	98
56) Ethyl methacrylate	9.17	69	479239	52.271	ug/l	99
57) 1,3-Dichloropropane	9.36	76	498570	49.828	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	923416	296.026	ug/l	99
59) 2-Hexanone	9.48	43	1615992	243.572	ug/l	99
60) Dibromochloromethane	9.57	129	316758	52.662	ug/l	99
61) 1,2-Dibromoethane	9.67	107	309212	48.778	ug/l	100
64) Tetrachloroethene	9.33	164	340524	45.028	ug/l	97
65) Chlorobenzene	10.13	112	811489	49.556	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	300279	51.383	ug/l	100
67) Ethyl Benzene	10.25	91	1448363	51.892	ug/l	99
68) m/p-Xylenes	10.35	106	1115895	103.632	ug/l	100
69) o-Xylene	10.69	106	526687	51.264	ug/l	100
70) Styrene	10.71	104	932816	52.612	ug/l	99
71) Bromoform	10.85	173	250324	52.354	ug/l #	99
73) Isopropylbenzene	11.01	105	1428074	51.102	ug/l	100
74) N-amyl acetate	10.89	43	626922	50.849	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	440857	49.192	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	372369m	45.224	ug/l	
77) Bromobenzene	11.25	156	371253	47.904	ug/l	99
78) n-propylbenzene	11.35	91	1652057	51.620	ug/l	100
79) 2-Chlorotoluene	11.42	91	945909	49.591	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1202335	51.822	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	162162	52.068	ug/l	100
82) 4-Chlorotoluene	11.51	91	1116013	49.845	ug/l	99
83) tert-Butylbenzene	11.76	119	1143692	52.171	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1198863	51.137	ug/l	100
85) sec-Butylbenzene	11.94	105	1418258	52.042	ug/l	100
86) p-Isopropyltoluene	12.06	119	1323927	52.352	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	685324	49.274	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	689739	52.820	ug/l	99
89) n-Butylbenzene	12.39	91	1210818	52.366	ug/l	99
90) Hexachloroethane	12.59	117	233657	52.600	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	664414	48.758	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	97229	48.231	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	512087	53.553	ug/l	99
94) Hexachlorobutadiene	13.78	225	247118	55.163	ug/l	99
95) Naphthalene	13.83	128	1439034	48.478	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	490859	52.309	ug/l	99

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

