

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031720\
 Data File : VX015319.D
 Acq On : 17 Mar 2020 14:05
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/18/2020 4:16:51 PM

Quant Time: Mar 18 02:26:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	298289	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.84	114	416512	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	384212	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	201810	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	154994	43.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.60%	
35) Dibromofluoromethane	5.48	113	147853	56.27	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	112.54%	
50) Toluene-d8	8.71	98	526442	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
62) 4-Bromofluorobenzene	11.13	95	205681	57.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	119213	45.640	ug/l	100
3) Chloromethane	1.31	50	134928	36.467	ug/l	98
4) Vinyl Chloride	1.40	62	142973	38.108	ug/l	98
5) Bromomethane	1.64	94	82860	35.924	ug/l	99
6) Chloroethane	1.72	64	91553	40.680	ug/l	99
7) Trichlorofluoromethane	1.92	101	182182	40.809	ug/l	96
8) Diethyl Ether	2.18	74	82958	41.028	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	129690	46.175	ug/l	99
10) Methyl Iodide	2.50	142	150498	47.428	ug/l	98
11) Tert butyl alcohol	3.04	59	146047	237.868	ug/l	100
12) 1,1-Dichloroethene	2.36	96	124158	42.832	ug/l	97
13) Acrolein	2.28	56	118342	205.099	ug/l	98
14) Allyl chloride	2.72	41	262801	51.995	ug/l	95
15) Acrylonitrile	3.12	53	387410	253.364	ug/l	98
16) Acetone	2.43	43	318187	222.019	ug/l	97
17) Carbon Disulfide	2.56	76	350841	43.583	ug/l	100
18) Methyl Acetate	2.76	43	186179	53.128	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	429886	47.459	ug/l	99
20) Methylene Chloride	2.84	84	158042	47.121	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	141104	45.589	ug/l	99
22) Diisopropyl ether	3.84	45	521205	51.759	ug/l	96
23) Vinyl Acetate	3.79	43	2098518	253.519	ug/l	99
24) 1,1-Dichloroethane	3.68	63	263466	47.141	ug/l	99
25) 2-Butanone	4.65	43	499446	238.043	ug/l	98
26) 2,2-Dichloropropane	4.57	77	206120	46.458	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	168121	48.417	ug/l	100
28) Bromochloromethane	5.00	49	138010	54.229	ug/l	95
29) Tetrahydrofuran	5.11	42	333827	246.825	ug/l	97
30) Chloroform	5.19	83	277073	50.865	ug/l	99
31) Cyclohexane	5.57	56	255204	51.194	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	228822	50.675	ug/l	99
36) 1,1-Dichloropropene	5.78	75	186265	48.375	ug/l	99
37) Ethyl Acetate	4.81	43	207452	58.082	ug/l	99
38) Carbon Tetrachloride	5.77	117	172202	47.379	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	255036	56.724	ug/l	99
40) Benzene	6.13	78	574550	50.294	ug/l	97
41) Methacrylonitrile	5.02	41	121613	56.686	ug/l	97
42) 1,2-Dichloroethane	6.18	62	193691	49.372	ug/l	99
43) Isopropyl Acetate	6.42	43	334444	53.227	ug/l	99
44) Trichloroethene	7.20	130	175645	55.209	ug/l	98
45) 1,2-Dichloropropane	7.50	63	174990	59.179	ug/l	100
46) Dibromomethane	7.65	93	107181	55.629	ug/l	99
47) Bromodichloromethane	7.89	83	217535	57.095	ug/l	97
48) Methyl methacrylate	7.76	41	178645	55.861	ug/l	97
49) 1,4-Dioxane	7.73	88	73114	1057.410	ug/l	95
51) 4-Methyl-2-Pentanone	8.63	43	1009836	271.821	ug/l	100
52) Toluene	8.78	92	400877	57.392	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	238946	58.921	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	220218	48.034	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	164523	57.226	ug/l	97
56) Ethyl methacrylate	9.17	69	251383	61.301	ug/l	97
57) 1,3-Dichloropropane	9.36	76	279479	57.782	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	605321	270.958	ug/l	99
59) 2-Hexanone	9.48	43	807358	293.205	ug/l	99
60) Dibromochloromethane	9.57	129	172034	56.964	ug/l	99
61) 1,2-Dibromoethane	9.67	107	155558	51.514	ug/l	99
64) Tetrachloroethene	9.33	164	176945	55.701	ug/l	97
65) Chlorobenzene	10.13	112	365404	47.371	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	145895	50.160	ug/l	99
67) Ethyl Benzene	10.24	91	691334	52.780	ug/l	98
68) m/p-Xylenes	10.35	106	536662	107.687	ug/l	100
69) o-Xylene	10.69	106	282553	59.218	ug/l	98
70) Styrene	10.71	104	488976	59.769	ug/l	99
71) Bromoform	10.85	173	129708	57.507	ug/l #	99
73) Isopropylbenzene	11.01	105	747444	57.978	ug/l	100
74) N-amyl acetate	10.89	43	318673	58.655	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	234202	54.511	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	197690m	49.109	ug/l	
77) Bromobenzene	11.25	156	195509	54.417	ug/l	99
78) n-propylbenzene	11.35	91	865127	58.739	ug/l	99
79) 2-Chlorotoluene	11.42	91	505529	57.474	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	628391	58.554	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	80305	56.616	ug/l	96
82) 4-Chlorotoluene	11.51	91	586719	56.461	ug/l	100
83) tert-Butylbenzene	11.76	119	516167	49.742	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	590605	54.781	ug/l	99
85) sec-Butylbenzene	11.94	105	682626	54.493	ug/l	100
86) p-Isopropyltoluene	12.06	119	632053	54.765	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	321453	50.896	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	321924	49.370	ug/l	99
89) n-Butylbenzene	12.38	91	568286	55.363	ug/l	100
90) Hexachloroethane	12.59	117	106851	48.972	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	321497	51.199	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	45349	52.712	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	255570	58.634	ug/l	99
94) Hexachlorobutadiene	13.77	225	124888	55.837	ug/l	98
95) Naphthalene	13.83	128	721308	53.884	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	259763	59.731	ug/l	99

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

