

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120120\
 Data File : VX019686.D
 Acq On : 01 Dec 2020 10:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda

12/2/2020 12:43:58 PM

Quant Time: Dec 02 02:16:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	286190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	459377	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	403345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201682	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	177748	47.90	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.80%
35) Dibromofluoromethane	5.46	113	146261	50.72	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.44%
50) Toluene-d8	8.70	98	542671	48.43	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.86%
62) 4-Bromofluorobenzene	11.12	95	200311	49.69	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.38%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	130277	46.811	ug/l	98
3) Chloromethane	1.31	50	139508	43.683	ug/l	100
4) Vinyl Chloride	1.39	62	163007	47.415	ug/l	99
5) Bromomethane	1.62	94	50454	38.747	ug/l	100
6) Chloroethane	1.68	64	34650	40.575	ug/l	97
7) Trichlorofluoromethane	1.89	101	229403	46.233	ug/l	97
8) Diethyl Ether	2.17	74	97101	48.863	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.35	101	134392	48.548	ug/l	98
10) Methyl Iodide	2.48	142	182664	50.228	ug/l	100
11) Tert butyl alcohol	3.05	59	185761	264.522	ug/l	100
12) 1,1-Dichloroethene	2.34	96	132983	46.804	ug/l	99
13) Acrolein	2.28	56	87669	185.720	ug/l	100
14) Allyl chloride	2.70	41	221038	49.660	ug/l	99
15) Acrylonitrile	3.12	53	430810	260.127	ug/l	100
16) Acetone	2.43	43	418701	291.779	ug/l	100
17) Carbon Disulfide	2.54	76	337523	44.218	ug/l	99
18) Methyl Acetate	2.75	43	187950	53.375	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	508736	51.872	ug/l	99
20) Methylene Chloride	2.82	84	168457	46.968	ug/l	99
21) trans-1,2-Dichloroethene	3.13	96	156170	48.513	ug/l	96
22) Diisopropyl ether	3.82	45	465429	50.547	ug/l	97
23) Vinyl Acetate	3.78	43	2019178	261.434	ug/l	100
24) 1,1-Dichloroethane	3.66	63	282113	50.091	ug/l	100
25) 2-Butanone	4.64	43	585767	271.738	ug/l	100
26) 2,2-Dichloropropane	4.54	77	245677	49.975	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	183239	49.554	ug/l	98
28) Bromochloromethane	4.97	49	122144	45.361	ug/l	99
29) Tetrahydrofuran	5.09	42	346616	252.012	ug/l	99
30) Chloroform	5.17	83	294515	50.010	ug/l	100
31) Cyclohexane	5.54	56	235477	48.791	ug/l	96
32) 1,1,1-Trichloroethane	5.45	97	254599	50.328	ug/l	100
36) 1,1-Dichloropropene	5.76	75	213337	49.536	ug/l	99
37) Ethyl Acetate	4.79	43	214816	53.132	ug/l	99
38) Carbon Tetrachloride	5.74	117	214220	51.390	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	252055	50.265	ug/l	98
40) Benzene	6.10	78	661069	49.959	ug/l	99
41) Methacrylonitrile	5.01	41	113862	51.070	ug/l	98
42) 1,2-Dichloroethane	6.15	62	230182	50.752	ug/l	100
43) Isopropyl Acetate	6.41	43	347685	51.157	ug/l	100
44) Trichloroethene	7.18	130	172005	49.626	ug/l	95
45) 1,2-Dichloropropane	7.48	63	167434	51.399	ug/l	99
46) Dibromomethane	7.63	93	113659	50.979	ug/l	99
47) Bromodichloromethane	7.87	83	226712	52.403	ug/l	99
48) Methyl methacrylate	7.74	41	169390	53.218	ug/l	100
49) 1,4-Dioxane	7.72	88	78304	1083.498	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1043148	263.209	ug/l	100
52) Toluene	8.76	92	407942	50.395	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	245030	52.442	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	275426	53.118	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	165469	50.192	ug/l	96
56) Ethyl methacrylate	9.16	69	247250	53.002	ug/l	99
57) 1,3-Dichloropropane	9.35	76	280277	50.780	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	660283	241.560	ug/l	99
59) 2-Hexanone	9.48	43	808611	269.019	ug/l	99
60) Dibromochloromethane	9.56	129	172014	53.270	ug/l	98
61) 1,2-Dibromoethane	9.65	107	170887	50.287	ug/l	97
64) Tetrachloroethene	9.32	164	146898	46.333	ug/l	93
65) Chlorobenzene	10.12	112	420004	50.646	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	158013	52.384	ug/l	99
67) Ethyl Benzene	10.23	91	759960	52.311	ug/l	100
68) m/p-Xylenes	10.34	106	569882	105.290	ug/l	99
69) o-Xylene	10.68	106	272829	52.731	ug/l	100
70) Styrene	10.70	104	471866	49.293	ug/l	100
71) Bromoform	10.84	173	124720	48.895	ug/l	98
73) Isopropylbenzene	11.00	105	736873	52.815	ug/l	100
74) N-amyl acetate	10.88	43	289672	55.408	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	261594	52.431	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	234831m	53.354	ug/l	
77) Bromobenzene	11.24	156	184277	51.739	ug/l	99
78) n-propylbenzene	11.34	91	830226	51.871	ug/l	99
79) 2-Chlorotoluene	11.40	91	508902	52.427	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	623885	53.306	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	84141	51.495	ug/l	100
82) 4-Chlorotoluene	11.49	91	594799	52.053	ug/l	100
83) tert-Butylbenzene	11.76	119	609046	53.788	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	628244	53.051	ug/l	99
85) sec-Butylbenzene	11.93	105	709515	52.672	ug/l	100
86) p-Isopropyltoluene	12.05	119	651081	53.235	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	338952	51.819	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	334420	49.635	ug/l	99
89) n-Butylbenzene	12.37	91	576544	52.144	ug/l	100
90) Hexachloroethane	12.58	117	108858	53.192	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	331246	50.421	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55633	54.656	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	219983	52.156	ug/l	99
94) Hexachlorobutadiene	13.77	225	91012	47.368	ug/l	96
95) Naphthalene	13.82	128	740051	49.758	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	218670	51.831	ug/l	99

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

