

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120720\
 Data File : VX019746.D
 Acq On : 07 Dec 2020 11:47
 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
 12/8/2020 5:05:05 PM

Quant Time: Dec 08 05:59:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	313913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	496749	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	460069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	236642	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	189060	45.82	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.64%
35) Dibromofluoromethane	5.46	113	153908	47.94	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.88%
50) Toluene-d8	8.69	98	605245	49.38	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.76%
62) 4-Bromofluorobenzene	11.12	95	235519	50.49	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.98%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	157484	54.796	ug/l 100
3) Chloromethane	1.31	50	164069	48.541	ug/l 100
4) Vinyl Chloride	1.39	62	191777	53.811	ug/l 99
5) Bromomethane	1.62	94	71114	60.095	ug/l 100
6) Chloroethane	1.70	64	120125	56.110	ug/l 99
7) Trichlorofluoromethane	1.92	101	268995	54.197	ug/l 97
8) Diethyl Ether	2.17	74	111905	53.205	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	155877	54.792	ug/l 99
10) Methyl Iodide	2.49	142	197966	47.210	ug/l 98
11) Tert butyl alcohol	3.01	59	230845	272.396	ug/l 100
12) 1,1-Dichloroethene	2.36	96	155510	54.069	ug/l 98
13) Acrolein	2.27	56	129968	285.391	ug/l 99
14) Allyl chloride	2.70	41	258168	53.148	ug/l 99
15) Acrylonitrile	3.11	53	495930	265.895	ug/l 100
16) Acetone	2.42	43	435749	280.990	ug/l 100
17) Carbon Disulfide	2.55	76	426062	51.628	ug/l 100
18) Methyl Acetate	2.75	43	204949	54.007	ug/l 99
19) Methyl tert-butyl Ether	3.16	73	573491	54.752	ug/l 99
20) Methylene Chloride	2.83	84	190005	53.776	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	180785	53.915	ug/l 99
22) Diisopropyl ether	3.82	45	530710	54.037	ug/l 97
23) Vinyl Acetate	3.78	43	2299792	274.858	ug/l 100
24) 1,1-Dichloroethane	3.67	63	315145	53.212	ug/l 100
25) 2-Butanone	4.62	43	653898	274.412	ug/l 99
26) 2,2-Dichloropropane	4.54	77	280162	54.931	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	209139	53.297	ug/l 98
28) Bromochloromethane	4.97	49	134509	47.643	ug/l 98
29) Tetrahydrofuran	5.08	42	409858	266.961	ug/l 100
30) Chloroform	5.17	83	327340	53.753	ug/l 99
31) Cyclohexane	5.54	56	278312	54.230	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	285982	54.532	ug/l 99
36) 1,1-Dichloropropene	5.76	75	245081	54.598	ug/l 100
37) Ethyl Acetate	4.78	43	247696	54.653	ug/l 99
38) Carbon Tetrachloride	5.74	117	246755	56.136	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	302257	57.313	ug/l	99
40) Benzene	6.10	78	748374	54.578	ug/l	100
41) Methacrylonitrile	4.99	41	138472	55.648	ug/l	99
42) 1,2-Dichloroethane	6.15	62	255810	54.603	ug/l	100
43) Isopropyl Acetate	6.40	43	404216	54.858	ug/l	100
44) Trichloroethene	7.18	130	196664	54.664	ug/l	100
45) 1,2-Dichloropropane	7.48	63	187409	54.686	ug/l	98
46) Dibromomethane	7.63	93	127746	55.199	ug/l	99
47) Bromodichloromethane	7.87	83	257670	56.109	ug/l	99
48) Methyl methacrylate	7.74	41	199988	55.186	ug/l	99
49) 1,4-Dioxane	7.71	88	98113	1117.628	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1263794	280.927	ug/l	100
52) Toluene	8.76	92	475785	55.479	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	291939	57.288	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	316031	57.083	ug/l	99
55) 1,1,2-Trichloroethane	9.19	97	191955	55.542	ug/l	98
56) Ethyl methacrylate	9.15	69	301574	57.675	ug/l	99
57) 1,3-Dichloropropane	9.35	76	321702	54.515	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	830895	299.960	ug/l	98
59) 2-Hexanone	9.47	43	1005120	288.244	ug/l	99
60) Dibromochloromethane	9.56	129	206042	58.680	ug/l	99
61) 1,2-Dibromoethane	9.65	107	203302	55.398	ug/l	99
64) Tetrachloroethene	9.32	164	173023	56.080	ug/l	96
65) Chlorobenzene	10.12	112	506958	55.309	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	187738	56.907	ug/l	99
67) Ethyl Benzene	10.23	91	915579	56.275	ug/l	99
68) m/p-Xylenes	10.34	106	696884	113.671	ug/l	100
69) o-Xylene	10.68	106	338608	57.416	ug/l	97
70) Styrene	10.70	104	577424	58.008	ug/l	99
71) Bromoform	10.84	173	156572	60.329	ug/l #	100
73) Isopropylbenzene	11.00	105	900716	55.712	ug/l	99
74) N-amyl acetate	10.88	43	354947	54.785	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	308436	54.112	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	293173m	55.238	ug/l	
77) Bromobenzene	11.24	156	228856	55.314	ug/l	97
78) n-propylbenzene	11.34	91	1041339	56.394	ug/l	100
79) 2-Chlorotoluene	11.40	91	624865	54.951	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	763839	55.981	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.05	75	109469	59.624	ug/l	97
82) 4-Chlorotoluene	11.49	91	733479	55.075	ug/l	99
83) tert-Butylbenzene	11.76	119	754595	56.388	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	778457	56.637	ug/l	100
85) sec-Butylbenzene	11.93	105	875008	57.270	ug/l	100
86) p-Isopropyltoluene	12.05	119	813212	58.076	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	408186	53.754	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	414116	53.543	ug/l	99
89) n-Butylbenzene	12.37	91	716361	57.744	ug/l	100
90) Hexachloroethane	12.58	117	142346	58.882	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	393484	53.156	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	65962	53.831	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	265316	55.060	ug/l	98
94) Hexachlorobutadiene	13.76	225	120581	55.987	ug/l	99
95) Naphthalene	13.82	128	880956	56.392	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	259437	55.091	ug/l	98

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

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