

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112120\
 Data File : VX019539.D
 Acq On : 21 Nov 2020 10:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 9:35:11 AM

Quant Time: Nov 23 00:30:46 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	286622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	484369	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	418691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	202622	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	184488	49.64	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.28%
35) Dibromofluoromethane	5.46	113	149875	49.29	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.58%
50) Toluene-d8	8.70	98	556422	47.10	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.20%
62) 4-Bromofluorobenzene	11.12	95	203515	47.88	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.76%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	139248	49.959	ug/l	100
3) Chloromethane	1.31	50	140976	44.076	ug/l	98
4) Vinyl Chloride	1.39	62	166322	48.307	ug/l	99
5) Bromomethane	1.62	94	50785	38.942	ug/l	93
6) Chloroethane	1.69	64	40477	48.096	ug/l	96
7) Trichlorofluoromethane	1.90	101	244977	49.297	ug/l	98
8) Diethyl Ether	2.17	74	101097	50.797	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	135659	48.932	ug/l	98
10) Methyl Iodide	2.48	142	171380	47.054	ug/l	99
11) Tert butyl alcohol	3.05	59	202640	288.123	ug/l	99
12) 1,1-Dichloroethene	2.34	96	140929	49.526	ug/l	98
13) Acrolein	2.28	56	88938	188.124	ug/l	99
14) Allyl chloride	2.70	41	207970	46.653	ug/l	98
15) Acrylonitrile	3.12	53	416674	251.212	ug/l	99
16) Acetone	2.43	43	338019	235.199	ug/l	99
17) Carbon Disulfide	2.54	76	350702	45.876	ug/l	99
18) Methyl Acetate	2.75	43	181292	51.430	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	523825	53.330	ug/l	99
20) Methylene Chloride	2.83	84	166869	46.455	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	158365	49.120	ug/l	97
22) Diisopropyl ether	3.83	45	471527	51.132	ug/l	91
23) Vinyl Acetate	3.78	43	2005300	259.246	ug/l	100
24) 1,1-Dichloroethane	3.67	63	283108	50.192	ug/l	99
25) 2-Butanone	4.64	43	530268	245.621	ug/l	100
26) 2,2-Dichloropropane	4.54	77	163410	33.191	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	189440	51.153	ug/l	97
28) Bromochloromethane	4.98	49	119300	44.239	ug/l	95
29) Tetrahydrofuran	5.09	42	343008	249.013	ug/l	98
30) Chloroform	5.18	83	299291	50.744	ug/l	98
31) Cyclohexane	5.54	56	235329	48.687	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	262498	51.812	ug/l	99
36) 1,1-Dichloropropene	5.76	75	216639	47.708	ug/l	99
37) Ethyl Acetate	4.80	43	214015	50.203	ug/l	99
38) Carbon Tetrachloride	5.75	117	217902	49.576	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	245285	46.391	ug/l	100
40) Benzene	6.11	78	676453	48.484	ug/l	99
41) Methacrylonitrile	5.01	41	115233	49.018	ug/l	98
42) 1,2-Dichloroethane	6.16	62	236277	49.408	ug/l	100
43) Isopropyl Acetate	6.42	43	356002	49.678	ug/l	100
44) Trichloroethene	7.18	130	176956	48.420	ug/l	99
45) 1,2-Dichloropropane	7.49	63	167848	48.868	ug/l	99
46) Dibromomethane	7.63	93	115652	49.196	ug/l	100
47) Bromodichloromethane	7.87	83	227799	49.937	ug/l	99
48) Methyl methacrylate	7.74	41	171679	51.154	ug/l	99
49) 1,4-Dioxane	7.72	88	81762	1072.972	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1044661	249.990	ug/l	99
52) Toluene	8.76	92	411604	48.224	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	236180	47.940	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	259747	47.509	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	170271	48.984	ug/l	99
56) Ethyl methacrylate	9.16	69	258682	52.592	ug/l	99
57) 1,3-Dichloropropane	9.35	76	283757	48.758	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	681917	236.602	ug/l	98
59) 2-Hexanone	9.48	43	798254	251.871	ug/l	99
60) Dibromochloromethane	9.57	129	171842	50.471	ug/l	100
61) 1,2-Dibromoethane	9.65	107	178795	49.900	ug/l	99
64) Tetrachloroethene	9.32	164	147917	44.944	ug/l	96
65) Chlorobenzene	10.12	112	420339	48.829	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	161620	51.616	ug/l	100
67) Ethyl Benzene	10.23	91	762588	50.568	ug/l	99
68) m/p-Xylenes	10.34	106	569881	101.430	ug/l	100
69) o-Xylene	10.68	106	279615	52.062	ug/l	99
70) Styrene	10.70	104	476788	48.025	ug/l	99
71) Bromoform	10.84	173	123512	46.812	ug/l #	98
73) Isopropylbenzene	11.00	105	729687	52.057	ug/l	99
74) N-amyl acetate	10.88	43	301112	57.329	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	259662	51.802	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	229834m	51.976	ug/l	
77) Bromobenzene	11.24	156	184717	51.622	ug/l	99
78) n-propylbenzene	11.34	91	814136	50.630	ug/l	99
79) 2-Chlorotoluene	11.40	91	503022	51.581	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	616588	52.438	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	72314	44.663	ug/l	99
82) 4-Chlorotoluene	11.49	91	586808	51.115	ug/l	100
83) tert-Butylbenzene	11.76	119	602141	52.932	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	623433	52.401	ug/l	99
85) sec-Butylbenzene	11.93	105	683109	50.476	ug/l	100
86) p-Isopropyltoluene	12.05	119	621514	50.582	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	326134	49.628	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	329942	48.743	ug/l	99
89) n-Butylbenzene	12.37	91	528661	47.592	ug/l	99
90) Hexachloroethane	12.58	117	107106	52.093	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	335010	50.757	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55970	54.732	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	216832	51.170	ug/l	98
94) Hexachlorobutadiene	13.76	225	84216	43.628	ug/l	97
95) Naphthalene	13.82	128	754792	50.481	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	220186	51.948	ug/l	99

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

