

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120420\
 Data File : VX019720.D
 Acq On : 04 Dec 2020 16:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/7/2020 10:52:55 AM

Quant Time: Dec 05 04:18:05 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	345970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	555745	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	517922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	262899	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	211636	46.54	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.08%
35) Dibromofluoromethane	5.46	113	175366	48.83	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.66%
50) Toluene-d8	8.70	98	683148	49.82	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.64%
62) 4-Bromofluorobenzene	11.12	95	263944	50.57	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.14%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	165633	52.291	ug/l 98
3) Chloromethane	1.31	50	176638	47.418	ug/l 98
4) Vinyl Chloride	1.39	62	196985	50.151	ug/l 100
5) Bromomethane	1.62	94	65916	50.541	ug/l 99
6) Chloroethane	1.70	64	121756	51.602	ug/l 99
7) Trichlorofluoromethane	1.91	101	270504	49.451	ug/l 98
8) Diethyl Ether	2.17	74	113641	49.024	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	161588	51.537	ug/l 99
10) Methyl Iodide	2.49	142	231544	50.101	ug/l 100
11) Tert butyl alcohol	3.01	59	230012	246.011	ug/l 99
12) 1,1-Dichloroethene	2.36	96	159824	50.420	ug/l 98
13) Acrolein	2.27	56	113697	226.529	ug/l 100
14) Allyl chloride	2.70	41	265859	49.660	ug/l 100
15) Acrylonitrile	3.11	53	509757	247.984	ug/l 100
16) Acetone	2.42	43	415199	242.931	ug/l 99
17) Carbon Disulfide	2.54	76	439931	48.369	ug/l 100
18) Methyl Acetate	2.75	43	208607	49.877	ug/l 99
19) Methyl tert-butyl Ether	3.17	73	583913	50.582	ug/l 100
20) Methylene Chloride	2.83	84	202538	51.964	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	184236	49.853	ug/l 100
22) Diisopropyl ether	3.82	45	548040	50.631	ug/l 98
23) Vinyl Acetate	3.78	43	2354906	255.366	ug/l 100
24) 1,1-Dichloroethane	3.67	63	323555	49.570	ug/l 100
25) 2-Butanone	4.63	43	651704	248.150	ug/l 100
26) 2,2-Dichloropropane	4.54	77	282596	50.274	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	213630	49.397	ug/l 99
28) Bromochloromethane	4.98	49	153512	49.335	ug/l 100
29) Tetrahydrofuran	5.08	42	418246	247.182	ug/l 100
30) Chloroform	5.17	83	332933	49.606	ug/l 99
31) Cyclohexane	5.54	56	285655	50.503	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	288487	49.913	ug/l 100
36) 1,1-Dichloropropene	5.76	75	252181	50.216	ug/l 100
37) Ethyl Acetate	4.79	43	251975	49.695	ug/l 99
38) Carbon Tetrachloride	5.75	117	249854	50.807	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	302467	51.264	ug/l	98
40) Benzene	6.11	78	764863	49.859	ug/l	100
41) Methacrylonitrile	5.00	41	137105	49.249	ug/l	98
42) 1,2-Dichloroethane	6.16	62	264063	50.381	ug/l	100
43) Isopropyl Acetate	6.41	43	411842	49.960	ug/l	100
44) Trichloroethene	7.18	130	201203	49.989	ug/l	100
45) 1,2-Dichloropropane	7.49	63	193000	50.339	ug/l	98
46) Dibromomethane	7.63	93	130335	50.339	ug/l	99
47) Bromodichloromethane	7.87	83	262347	51.063	ug/l	100
48) Methyl methacrylate	7.74	41	204639	50.475	ug/l	100
49) 1,4-Dioxane	7.71	88	100837	1026.720	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1290007	256.313	ug/l	100
52) Toluene	8.76	92	486170	50.672	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	296061	51.929	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	323233	52.186	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	193540	50.056	ug/l	99
56) Ethyl methacrylate	9.16	69	309616	52.928	ug/l	98
57) 1,3-Dichloropropane	9.35	76	329569	49.919	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	795766	256.782	ug/l	99
59) 2-Hexanone	9.47	43	1016001	260.434	ug/l	100
60) Dibromochloromethane	9.56	129	205310	52.265	ug/l	99
61) 1,2-Dibromoethane	9.65	107	208100	50.686	ug/l	98
64) Tetrachloroethene	9.32	164	171922	49.498	ug/l	97
65) Chlorobenzene	10.12	112	516802	50.085	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	187241	50.416	ug/l	98
67) Ethyl Benzene	10.23	91	938753	51.254	ug/l	100
68) m/p-Xylenes	10.34	106	710157	102.897	ug/l	99
69) o-Xylene	10.68	106	338003	50.912	ug/l	99
70) Styrene	10.70	104	588177	52.488	ug/l	100
71) Bromoform	10.84	173	149918	51.313	ug/l #	96
73) Isopropylbenzene	11.00	105	898345	50.016	ug/l	99
74) N-amyl acetate	10.88	43	372789	51.792	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	315545	49.830	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	295136m	50.054	ug/l	
77) Bromobenzene	11.24	156	227522	49.499	ug/l	99
78) n-propylbenzene	11.34	91	1056717	51.511	ug/l	100
79) 2-Chlorotoluene	11.40	91	640000	50.661	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	782833	51.643	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	109103	53.490	ug/l	99
82) 4-Chlorotoluene	11.49	91	752691	50.873	ug/l	99
83) tert-Butylbenzene	11.76	119	767724	51.640	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	798018	52.262	ug/l	100
85) sec-Butylbenzene	11.93	105	878707	51.768	ug/l	100
86) p-Isopropyltoluene	12.05	119	817502	52.552	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	416304	49.347	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	426905	49.684	ug/l	100
89) n-Butylbenzene	12.37	91	732864	53.174	ug/l	100
90) Hexachloroethane	12.58	117	140680	52.381	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	414742	50.432	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	68551	50.357	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	278884	52.095	ug/l	98
94) Hexachlorobutadiene	13.77	225	116333	48.620	ug/l	98
95) Naphthalene	13.82	128	917149	52.845	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	267211	51.075	ug/l	99

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

