

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120420\
 Data File : VX019717.D
 Acq On : 04 Dec 2020 15:10
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 12/7/2020 10:55:38 AM

Quant Time: Dec 04 15:33:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 14:48:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	355541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	567602	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	517073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	264560	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.02	65	89045	18.99	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	37.98%#
35) Dibromofluoromethane	5.46	113	72440	19.74	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	39.48%#
50) Toluene-d8	8.69	98	280751	19.99	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	39.98%#
62) 4-Bromofluorobenzene	11.12	95	108263	20.36	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	40.72%#

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	64806	20.720	ug/l 96
3) Chloromethane	1.31	50	72529	19.569	ug/l 99
4) Vinyl Chloride	1.39	62	80938	20.614	ug/l 100
5) Bromomethane	1.62	94	29067	18.816	ug/l 98
6) Chloroethane	1.70	64	49917	20.930	ug/l 100
7) Trichlorofluoromethane	1.91	101	113476	20.607	ug/l 97
8) Diethyl Ether	2.17	74	47236	20.176	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	65641	20.733	ug/l 99
10) Methyl Iodide	2.48	142	91037	19.611	ug/l 99
11) Tert butyl alcohol	3.01	59	97168	96.775	ug/l 99
12) 1,1-Dichloroethene	2.35	96	65089	20.376	ug/l 93
13) Acrolein	2.27	56	42217	82.201	ug/l 98
14) Allyl chloride	2.70	41	108502	20.045	ug/l 99
15) Acrylonitrile	3.11	53	207695	99.582	ug/l 100
16) Acetone	2.42	43	163055	92.137	ug/l 99
17) Carbon Disulfide	2.54	76	182840	20.099	ug/l 100
18) Methyl Acetate	2.75	43	80140	18.792	ug/l 100
19) Methyl tert-butyl Ether	3.16	73	240365	20.569	ug/l 99
20) Methylene Chloride	2.83	84	82443	18.449	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	76618	20.528	ug/l 97
22) Diisopropyl ether	3.82	45	227167	20.755	ug/l 97
23) Vinyl Acetate	3.78	43	965048	103.364	ug/l 100
24) 1,1-Dichloroethane	3.67	63	134629	20.404	ug/l 99
25) 2-Butanone	4.62	43	259283	96.637	ug/l 98
26) 2,2-Dichloropropane	4.54	77	115833	20.368	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	88401	20.195	ug/l 100
28) Bromochloromethane	4.97	49	63514	19.884	ug/l 98
29) Tetrahydrofuran	5.08	42	168310	98.099	ug/l 100
30) Chloroform	5.17	83	138603	20.391	ug/l 100
31) Cyclohexane	5.54	56	119609	21.061	ug/l 99
32) 1,1,1-Trichloroethane	5.45	97	119311	20.422	ug/l 99
36) 1,1-Dichloropropene	5.76	75	105673	21.038	ug/l 99
37) Ethyl Acetate	4.78	43	102526	20.060	ug/l 99
38) Carbon Tetrachloride	5.74	117	101368	20.523	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	127288	21.691	ug/l	98
40) Benzene	6.10	78	319044	20.762	ug/l	99
41) Methacrylonitrile	4.99	41	54707	19.485	ug/l	97
42) 1,2-Dichloroethane	6.15	62	109799	20.881	ug/l	100
43) Isopropyl Acetate	6.40	43	165762	19.979	ug/l	100
44) Trichloroethene	7.18	130	84294	20.947	ug/l	97
45) 1,2-Dichloropropane	7.48	63	80109	20.841	ug/l	98
46) Dibromomethane	7.63	93	53677	20.674	ug/l	100
47) Bromodichloromethane	7.87	83	105670	20.487	ug/l	98
48) Methyl methacrylate	7.74	41	82228	20.168	ug/l	99
49) 1,4-Dioxane	7.71	88	40971	415.783	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	519980	102.752	ug/l	100
52) Toluene	8.76	92	201455	20.965	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	119429	20.894	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	130981	21.118	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	80563	20.731	ug/l	98
56) Ethyl methacrylate	9.15	69	120819	20.551	ug/l	100
57) 1,3-Dichloropropane	9.35	76	136016	20.492	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	316293	100.830	ug/l	100
59) 2-Hexanone	9.47	43	410520	104.790	ug/l	99
60) Dibromochloromethane	9.56	129	80868	20.512	ug/l	99
61) 1,2-Dibromoethane	9.65	107	84754	20.545	ug/l	99
64) Tetrachloroethene	9.31	164	73562	21.733	ug/l	94
65) Chlorobenzene	10.12	112	214254	21.234	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	77085	21.233	ug/l	99
67) Ethyl Benzene	10.23	91	388242	21.731	ug/l	100
68) m/p-Xylenes	10.34	106	296346	44.036	ug/l	98
69) o-Xylene	10.68	106	140189	21.650	ug/l	99
70) Styrene	10.70	104	236520	21.597	ug/l	100
71) Bromoform	10.84	173	60777	21.345	ug/l #	100
73) Isopropylbenzene	11.00	105	380080	21.384	ug/l	99
74) N-amyl acetate	10.88	43	148427	20.872	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	128402	20.426	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	119599m	20.390	ug/l	
77) Bromobenzene	11.24	156	95609	21.023	ug/l	98
78) n-propylbenzene	11.34	91	432488	21.237	ug/l	99
79) 2-Chlorotoluene	11.40	91	259437	20.717	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	319047	21.249	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	40932	20.204	ug/l	96
82) 4-Chlorotoluene	11.49	91	310622	21.259	ug/l	99
83) tert-Butylbenzene	11.76	119	308621	20.902	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	323433	21.369	ug/l	100
85) sec-Butylbenzene	11.93	105	358416	21.309	ug/l	99
86) p-Isopropyltoluene	12.05	119	332523	21.584	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	174781	20.956	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	177798	20.998	ug/l	99
89) n-Butylbenzene	12.37	91	287902	21.086	ug/l	100
90) Hexachloroethane	12.58	117	53543	20.060	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	169811	20.853	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	25773	18.916	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	111484	21.048	ug/l	98
94) Hexachlorobutadiene	13.76	225	48741	20.569	ug/l	99
95) Naphthalene	13.82	128	353899	20.489	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	107690	20.740	ug/l	100

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

