

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102120\
 Data File : VX019002.D
 Acq On : 21 Oct 2020 11:55
 Operator : JC/SP
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Quant Time: Oct 21 12:24:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 11:52:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	361552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	635659	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	597142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	339499	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	454431	89.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	179.10%	
35) Dibromofluoromethane	5.46	113	412486	95.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	191.64%	
50) Toluene-d8	8.70	98	1608515	101.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.18%	
62) 4-Bromofluorobenzene	11.12	95	577243	92.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	184.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	311042	92.811	ug/l	100
3) Chloromethane	1.31	50	308397	78.123	ug/l	99
4) Vinyl Chloride	1.39	62	445909	102.452	ug/l	99
5) Bromomethane	1.62	94	245168	86.388	ug/l	96
6) Chloroethane	1.70	64	336224	127.647	ug/l	99
7) Trichlorofluoromethane	1.91	101	818957	120.339	ug/l	98
8) Diethyl Ether	2.17	74	319121	130.081	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	323670	94.200	ug/l	99
10) Methyl Iodide	2.49	142	421971	112.539	ug/l	99
11) Tert butyl alcohol	3.03	59	473803	516.124	ug/l	99
12) 1,1-Dichloroethene	2.35	96	326133	93.787	ug/l	97
13) Acrolein	2.28	56	276784	487.007	ug/l	98
14) Allyl chloride	2.70	41	458153	70.835	ug/l	98
15) Acrylonitrile	3.12	53	893284	429.732	ug/l	100
16) Acetone	2.42	43	758084	395.778	ug/l	98
17) Carbon Disulfide	2.54	76	957685	92.158	ug/l	100
18) Methyl Acetate	2.75	43	375720	79.972	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1170710	96.223	ug/l	99
20) Methylene Chloride	2.83	84	391394	90.458	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	427228	103.796	ug/l	99
22) Diisopropyl ether	3.82	45	932081	76.064	ug/l	98
23) Vinyl Acetate	3.79	43	4540666	414.172	ug/l	96
24) 1,1-Dichloroethane	3.67	63	678886	92.641	ug/l	100
25) 2-Butanone	4.64	43	1254417	419.101	ug/l	98
26) 2,2-Dichloropropane	4.55	77	660007	96.503	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	493229	106.094	ug/l	98
28) Bromochloromethane	4.98	49	277184	82.185	ug/l	86
29) Tetrahydrofuran	5.09	42	735866	397.345	ug/l	98
30) Chloroform	5.18	83	786527	104.111	ug/l	99
31) Cyclohexane	5.54	56	537354	88.726	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	710013	101.320	ug/l	99
36) 1,1-Dichloropropene	5.77	75	579474	95.100	ug/l	98
37) Ethyl Acetate	4.80	43	497462	78.585	ug/l	98
38) Carbon Tetrachloride	5.75	117	627141	94.683	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	656415	96.051	ug/l	98
40) Benzene	6.11	78	1735748	98.489	ug/l	99
41) Methacrylonitrile	5.00	41	263920	75.550	ug/l	98
42) 1,2-Dichloroethane	6.16	62	573385	85.217	ug/l	99
43) Isopropyl Acetate	6.42	43	825637	78.444	ug/l	98
44) Trichloroethene	7.19	130	488824	96.657	ug/l	97
45) 1,2-Dichloropropane	7.49	63	404936	85.095	ug/l	100
46) Dibromomethane	7.63	93	309398	93.963	ug/l	97
47) Bromodichloromethane	7.88	83	626622	94.398	ug/l	98
48) Methyl methacrylate	7.74	41	382861	75.376	ug/l	97
49) 1,4-Dioxane	7.71	88	198682	2198.036	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	2441384	388.896	ug/l	98
52) Toluene	8.77	92	1158146	102.890	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	710979	93.690	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	748858	96.287	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	464958	100.246	ug/l	98
56) Ethyl methacrylate	9.16	69	677845	99.209	ug/l	96
57) 1,3-Dichloropropane	9.35	76	734379	94.751	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1738714	481.643	ug/l	95
59) 2-Hexanone	9.48	43	1876502	393.214	ug/l	98
60) Dibromochloromethane	9.57	129	543753	99.692	ug/l	100
61) 1,2-Dibromoethane	9.65	107	508518	103.005	ug/l	100
64) Tetrachloroethene	9.32	164	443282	96.049	ug/l	98
65) Chlorobenzene	10.12	112	1293084	104.953	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	479023	98.659	ug/l	98
67) Ethyl Benzene	10.24	91	2186302	102.720	ug/l	99
68) m/p-Xylenes	10.34	106	1753103	215.194	ug/l	98
69) o-Xylene	10.68	106	834205	108.590	ug/l	97
70) Styrene	10.70	104	1444600	109.481	ug/l	99
71) Bromoform	10.84	173	429051	105.749	ug/l #	100
73) Isopropylbenzene	11.00	105	2228646	97.712	ug/l	99
74) N-amyl acetate	10.88	43	687893	70.913	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	693947	92.807	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	810185	114.843	ug/l	86
77) Bromobenzene	11.24	156	602847	97.033	ug/l	93
78) n-propylbenzene	11.34	91	2458411	93.039	ug/l	98
79) 2-Chlorotoluene	11.40	91	1448200	90.805	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	1890928	97.478	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	251049	91.500	ug/l	96
82) 4-Chlorotoluene	11.49	91	1715899	90.486	ug/l	98
83) tert-Butylbenzene	11.76	119	1908114	100.657	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1892728	97.200	ug/l	99
85) sec-Butylbenzene	11.93	105	2202590	98.861	ug/l	98
86) p-Isopropyltoluene	12.05	119	2101990	102.616	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1090505	97.287	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	1105354	97.024	ug/l	99
89) n-Butylbenzene	12.37	91	1839164	97.304	ug/l	98
90) Hexachloroethane	12.58	117	342576	86.073	ug/l	96
91) 1,2-Dichlorobenzene	12.37	146	1056131	100.040	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	162572	90.729	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	739515	101.406	ug/l	99
94) Hexachlorobutadiene	13.77	225	303217	99.943	ug/l	98
95) Naphthalene	13.82	128	2452172	110.390	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	724656	104.530	ug/l	96

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

