

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100920\
 Data File : VX018853.D
 Acq On : 09 Oct 2020 12:48
 Operator : JC/SP
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 2:23:25 PM

Quant Time: Oct 09 13:44:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 09 13:36:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	206387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	309107	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	294052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	167332	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	298919	101.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.62%	
35) Dibromofluoromethane	5.46	113	218064	100.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.76%	
50) Toluene-d8	8.70	98	781547	100.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.90%	
62) 4-Bromofluorobenzene	11.12	95	328513	105.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	211.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	241220	119.205	ug/l	99
3) Chloromethane	1.31	50	181080	80.786	ug/l	97
4) Vinyl Chloride	1.39	62	216377	90.892	ug/l	97
5) Bromomethane	1.62	94	122950	87.107	ug/l	98
6) Chloroethane	1.70	64	134679	97.425	ug/l	99
7) Trichlorofluoromethane	1.92	101	415688	110.041	ug/l	99
8) Diethyl Ether	2.17	74	116055	90.378	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	194663	98.194	ug/l	97
10) Methyl Iodide	2.49	142	226655	109.768	ug/l	98
11) Tert butyl alcohol	3.02	59	241699	481.348	ug/l	98
12) 1,1-Dichloroethene	2.36	96	187885	94.817	ug/l	98
13) Acrolein	2.27	56	193634	580.055	ug/l	97
14) Allyl chloride	2.71	41	339553	89.412	ug/l	99
15) Acrylonitrile	3.12	53	498561	424.871	ug/l	99
16) Acetone	2.42	43	554347	489.118	ug/l	98
17) Carbon Disulfide	2.55	76	541264	91.760	ug/l	98
18) Methyl Acetate	2.75	43	240611	89.071	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	646556	93.615	ug/l	100
20) Methylene Chloride	2.83	84	212922	87.367	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	214645	93.044	ug/l	96
22) Diisopropyl ether	3.82	45	605499	85.593	ug/l	92
23) Vinyl Acetate	3.79	43	3075827	482.620	ug/l	98
24) 1,1-Dichloroethane	3.67	63	389191	93.418	ug/l	98
25) 2-Butanone	4.64	43	801878	466.058	ug/l	99
26) 2,2-Dichloropropane	4.55	77	377554	96.878	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	235202	91.356	ug/l	99
28) Bromochloromethane	4.98	49	181253	94.016	ug/l	98
29) Tetrahydrofuran	5.09	42	452225	428.450	ug/l	98
30) Chloroform	5.18	83	422750	98.758	ug/l	99
31) Cyclohexane	5.55	56	289115	85.098	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	411606	102.272	ug/l	99
36) 1,1-Dichloropropene	5.77	75	309094	102.558	ug/l	99
37) Ethyl Acetate	4.79	43	312109	97.771	ug/l	100
38) Carbon Tetrachloride	5.76	117	390842	114.341	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	308883	93.609	ug/l	98
40) Benzene	6.11	78	837654	97.541	ug/l	99
41) Methacrylonitrile	5.00	41	174037	97.947	ug/l	99
42) 1,2-Dichloroethane	6.16	62	379621	110.760	ug/l	99
43) Isopropyl Acetate	6.41	43	520514	98.643	ug/l	99
44) Trichloroethene	7.19	130	246903	99.022	ug/l	100
45) 1,2-Dichloropropane	7.49	63	218340	93.037	ug/l	97
46) Dibromomethane	7.63	93	162751	100.115	ug/l	99
47) Bromodichloromethane	7.87	83	353516	106.474	ug/l	96
48) Methyl methacrylate	7.74	41	265269	102.546	ug/l	100
49) 1,4-Dioxane	7.71	88	67483	1615.281	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1595592	505.577	ug/l	100
52) Toluene	8.77	92	558738	102.566	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	390968	104.506	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	393106	102.792	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	228216	101.120	ug/l	98
56) Ethyl methacrylate	9.16	69	350149	105.828	ug/l	99
57) 1,3-Dichloropropane	9.35	76	384910	101.480	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	900183	509.093	ug/l	99
59) 2-Hexanone	9.48	43	1247777	519.894	ug/l	99
60) Dibromochloromethane	9.57	129	297738	109.723	ug/l	99
61) 1,2-Dibromoethane	9.65	107	253870	105.502	ug/l	99
64) Tetrachloroethene	9.32	164	220406	95.582	ug/l	96
65) Chlorobenzene	10.12	112	631217	103.634	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	261383	106.872	ug/l	99
67) Ethyl Benzene	10.24	91	1110049	105.144	ug/l	95
68) m/p-Xylenes	10.34	106	850043	212.324	ug/l	99
69) o-Xylene	10.68	106	412273	109.098	ug/l	98
70) Styrene	10.70	104	710647	109.116	ug/l	99
71) Bromoform	10.84	173	234026	113.296	ug/l #	98
73) Isopropylbenzene	11.00	105	1146042	102.264	ug/l	100
74) N-amyl acetate	10.88	43	488162	98.542	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	346856	94.393	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	333409m	95.029	ug/l	
77) Bromobenzene	11.24	156	294292	95.252	ug/l	95
78) n-propylbenzene	11.34	91	1304294	100.044	ug/l	99
79) 2-Chlorotoluene	11.40	91	791071	99.947	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1012083	105.453	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	130622	96.891	ug/l	99
82) 4-Chlorotoluene	11.49	91	953047	101.089	ug/l	99
83) tert-Butylbenzene	11.76	119	1004431	107.685	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1010477	104.847	ug/l	100
85) sec-Butylbenzene	11.93	105	1139790	104.092	ug/l	99
86) p-Isopropyltoluene	12.05	119	1089925	107.732	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	539150	97.069	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	522857	93.232	ug/l	99
89) n-Butylbenzene	12.37	91	928264	100.222	ug/l	99
90) Hexachloroethane	12.58	117	187909	94.671	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	503122	96.501	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	93156	103.692	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	363858	101.219	ug/l	94
94) Hexachlorobutadiene	13.77	225	149271	98.814	ug/l	98
95) Naphthalene	13.82	128	1120085	103.257	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	345291	100.266	ug/l	100

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

