

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100920\
 Data File : VX018854.D
 Acq On : 09 Oct 2020 13:11
 Operator : JC/SP
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 2:23:27 PM

Quant Time: Oct 09 13:42:40 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	5.62	168	201961	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	311969	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	308311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	169998	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	458317	158.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	317.48%	
35) Dibromofluoromethane	5.47	113	336273	154.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	308.26%	
50) Toluene-d8	8.70	98	1199206	152.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.44%	
62) 4-Bromofluorobenzene	11.12	95	504881	160.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	321.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	370782	187.247	ug/l	97
3) Chloromethane	1.31	50	295229	134.598	ug/l	100
4) Vinyl Chloride	1.39	62	333004	142.949	ug/l	98
5) Bromomethane	1.62	94	205241	148.595	ug/l	99
6) Chloroethane	1.70	64	209574	154.925	ug/l	97
7) Trichlorofluoromethane	1.91	101	626651	169.523	ug/l	99
8) Diethyl Ether	2.17	74	179827	143.110	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	294738	151.933	ug/l	98
10) Methyl Iodide	2.49	142	334201	165.398	ug/l	99
11) Tert butyl alcohol	3.03	59	386636	786.867	ug/l	98
12) 1,1-Dichloroethene	2.35	96	285671	147.324	ug/l	95
13) Acrolein	2.28	56	307281	940.672	ug/l	97
14) Allyl chloride	2.70	41	525334	141.364	ug/l	99
15) Acrylonitrile	3.12	53	775848	675.663	ug/l	99
16) Acetone	2.42	43	838471	756.023	ug/l	99
17) Carbon Disulfide	2.54	76	831568	144.065	ug/l	100
18) Methyl Acetate	2.75	43	368123	139.261	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	990183	146.511	ug/l	99
20) Methylene Chloride	2.83	84	325321	136.413	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	327919	145.261	ug/l	98
22) Diisopropyl ether	3.82	45	928218	134.088	ug/l	92
23) Vinyl Acetate	3.79	43	4766286	764.255	ug/l	100
24) 1,1-Dichloroethane	3.67	63	594121	145.733	ug/l	98
25) 2-Butanone	4.64	43	1256005	745.998	ug/l	98
26) 2,2-Dichloropropane	4.55	77	577229	151.359	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	361888	143.643	ug/l	100
28) Bromochloromethane	4.98	49	280822	148.854	ug/l	94
29) Tetrahydrofuran	5.09	42	704210	681.809	ug/l	99
30) Chloroform	5.18	83	653406	155.986	ug/l	98
31) Cyclohexane	5.54	56	447722	134.671	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	622319	158.016	ug/l	99
36) 1,1-Dichloropropene	5.77	75	469951	154.501	ug/l	99
37) Ethyl Acetate	4.79	43	493008	153.022	ug/l	99
38) Carbon Tetrachloride	5.75	117	594128	172.218	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	475571	142.803	ug/l	99
40) Benzene	6.12	78	1283644	148.104	ug/l	100
41) Methacrylonitrile	5.01	41	279829	156.041	ug/l	98
42) 1,2-Dichloroethane	6.16	62	572998	165.646	ug/l	100
43) Isopropyl Acetate	6.42	43	828903	155.644	ug/l	100
44) Trichloroethene	7.19	130	377417	149.976	ug/l	100
45) 1,2-Dichloropropane	7.49	63	340031	143.561	ug/l	99
46) Dibromomethane	7.63	93	252740	154.045	ug/l	99
47) Bromodichloromethane	7.88	83	545386	162.756	ug/l	99
48) Methyl methacrylate	7.75	41	427180	163.621	ug/l	99
49) 1,4-Dioxane	7.72	88	112606	2670.623	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	2506367	786.879	ug/l	100
52) Toluene	8.77	92	846372	153.940	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	619062	163.957	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	615337	159.427	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	355200	155.941	ug/l	99
56) Ethyl methacrylate	9.16	69	565886	169.462	ug/l	99
57) 1,3-Dichloropropane	9.35	76	599886	156.707	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1408186	789.085	ug/l	100
59) 2-Hexanone	9.48	43	1917461	791.592	ug/l	99
60) Dibromochloromethane	9.57	129	471330	172.101	ug/l	97
61) 1,2-Dibromoethane	9.65	107	396609	163.308	ug/l	98
64) Tetrachloroethene	9.32	164	326434	135.015	ug/l	98
65) Chlorobenzene	10.12	112	966173	151.291	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	411996	160.663	ug/l	98
67) Ethyl Benzene	10.24	91	1748716	157.979	ug/l	98
68) m/p-Xylenes	10.34	106	1326870	316.098	ug/l	100
69) o-Xylene	10.68	106	650333	164.136	ug/l	99
70) Styrene	10.70	104	1115950	163.424	ug/l	99
71) Bromoform	10.84	173	369225	170.481	ug/l #	100
73) Isopropylbenzene	11.00	105	1813772	159.308	ug/l	99
74) N-amyl acetate	10.88	43	756829	150.380	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	530968	142.230	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	500396m	140.388	ug/l	
77) Bromobenzene	11.24	156	466407	148.593	ug/l	99
78) n-propylbenzene	11.35	91	2038404	153.901	ug/l	99
79) 2-Chlorotoluene	11.40	91	1205794	149.955	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	1545414	158.497	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	203382	148.496	ug/l	97
82) 4-Chlorotoluene	11.49	91	1470255	153.503	ug/l	99
83) tert-Butylbenzene	11.76	119	1538888	162.397	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1552876	158.600	ug/l	100
85) sec-Butylbenzene	11.93	105	1747321	157.073	ug/l	99
86) p-Isopropyltoluene	12.05	119	1665223	162.015	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	836557	148.252	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	846175	148.518	ug/l	97
89) n-Butylbenzene	12.37	91	1450582	154.160	ug/l	100
90) Hexachloroethane	12.58	117	294047	145.822	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	797446	150.554	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	149256	163.531	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	567496	155.392	ug/l	99
94) Hexachlorobutadiene	13.76	225	228551	148.923	ug/l	98
95) Naphthalene	13.82	128	1827332	165.814	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	552251	157.848	ug/l	98

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

