

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100920\
 Data File : VX018855.D
 Acq On : 09 Oct 2020 14:06
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100920

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 2:23:28 PM

Quant Time: Oct 10 06:36:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	217235	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.82	114	326088	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.09	117	304004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	168878	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	150173	46.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.74%	
35) Dibromofluoromethane	5.46	113	109023	46.91	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	93.82%	
50) Toluene-d8	8.70	98	391630	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
62) 4-Bromofluorobenzene	11.12	95	158524	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	140286	54.462	ug/l	100
3) Chloromethane	1.31	50	107466	52.781	ug/l	97
4) Vinyl Chloride	1.39	62	122016	53.610	ug/l	100
5) Bromomethane	1.63	94	73555	58.027	ug/l	96
6) Chloroethane	1.71	64	74844	49.099	ug/l	94
7) Trichlorofluoromethane	1.92	101	235046	52.393	ug/l	99
8) Diethyl Ether	2.17	74	65904	52.658	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	112884	52.392	ug/l	98
10) Methyl Iodide	2.49	142	102945	45.836	ug/l	98
11) Tert butyl alcohol	3.01	59	123115	243.973	ug/l	99
12) 1,1-Dichloroethene	2.36	96	107550	53.595	ug/l	96
13) Acrolein	2.27	56	100284	238.854	ug/l	96
14) Allyl chloride	2.70	41	187567	51.565	ug/l	100
15) Acrylonitrile	3.11	53	263799	246.488	ug/l	100
16) Acetone	2.42	43	338173	280.254	ug/l	97
17) Carbon Disulfide	2.55	76	306713	52.137	ug/l	99
18) Methyl Acetate	2.75	43	126973	47.673	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	354907	52.761	ug/l	98
20) Methylene Chloride	2.83	84	118944	52.026	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	120668	51.857	ug/l	100
22) Diisopropyl ether	3.82	45	336609	51.707	ug/l	97
23) Vinyl Acetate	3.78	43	1685747	269.246	ug/l	100
24) 1,1-Dichloroethane	3.67	63	214526	49.013	ug/l	97
25) 2-Butanone	4.63	43	433736	249.933	ug/l	100
26) 2,2-Dichloropropane	4.55	77	220066	52.110	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	133730	51.751	ug/l	98
28) Bromochloromethane	4.98	49	94059	48.698	ug/l	97
29) Tetrahydrofuran	5.08	42	230339	247.388	ug/l	98
30) Chloroform	5.17	83	235827	48.903	ug/l	99
31) Cyclohexane	5.54	56	165555	55.322	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	228579	49.878	ug/l	99
36) 1,1-Dichloropropene	5.77	75	174449	50.882	ug/l	99
37) Ethyl Acetate	4.79	43	165144	49.880	ug/l	99
38) Carbon Tetrachloride	5.75	117	212607	50.031	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	173635	54.940	ug/l	98
40) Benzene	6.11	78	465219	50.506	ug/l	99
41) Methacrylonitrile	4.99	41	91286	47.528	ug/l	99
42) 1,2-Dichloroethane	6.16	62	208890	48.373	ug/l	99
43) Isopropyl Acetate	6.41	43	273729	49.748	ug/l	99
44) Trichloroethene	7.19	130	136987	49.591	ug/l	94
45) 1,2-Dichloropropane	7.49	63	121142	49.705	ug/l	98
46) Dibromomethane	7.63	93	89183	49.515	ug/l	99
47) Bromodichloromethane	7.87	83	194854	49.923	ug/l	95
48) Methyl methacrylate	7.74	41	138611	49.647	ug/l	99
49) 1,4-Dioxane	7.71	88	36419	930.291	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	817437	254.536	ug/l	99
52) Toluene	8.76	92	310524	52.532	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	212600	52.606	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	216525	52.082	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	125526	49.438	ug/l	99
56) Ethyl methacrylate	9.16	69	181455	49.017	ug/l	99
57) 1,3-Dichloropropane	9.35	76	211090	51.237	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	523369	284.900	ug/l	100
59) 2-Hexanone	9.47	43	642565	262.617	ug/l	99
60) Dibromochloromethane	9.56	129	160814	50.455	ug/l	98
61) 1,2-Dibromoethane	9.65	107	134709	49.474	ug/l	98
64) Tetrachloroethene	9.32	164	124211	56.102	ug/l	96
65) Chlorobenzene	10.12	112	336426	51.209	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.20	131	139620	51.514	ug/l	100
67) Ethyl Benzene	10.23	91	602505	54.364	ug/l	99
68) m/p-Xylenes	10.34	106	461020	109.488	ug/l	98
69) o-Xylene	10.68	106	218413	55.055	ug/l	100
70) Styrene	10.70	104	382043	56.884	ug/l	99
71) Bromoform	10.84	173	122449	52.234	ug/l #	98
73) Isopropylbenzene	11.00	105	613143	55.502	ug/l	100
74) N-amyl acetate	10.88	43	247940	56.727	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	182645	49.604	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	182014m	50.021	ug/l	
77) Bromobenzene	11.24	156	161053	53.072	ug/l	98
78) n-propylbenzene	11.34	91	708886	56.314	ug/l	99
79) 2-Chlorotoluene	11.40	91	425053	54.169	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	541913	57.348	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	65598	51.089	ug/l	100
82) 4-Chlorotoluene	11.49	91	511804	54.854	ug/l	100
83) tert-Butylbenzene	11.76	119	522952	55.261	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	536406	55.841	ug/l	100
85) sec-Butylbenzene	11.93	105	604507	56.703	ug/l	99
86) p-Isopropyltoluene	12.05	119	588080	58.145	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	303257	54.413	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	299460	53.046	ug/l	99
89) n-Butylbenzene	12.37	91	509439	57.972	ug/l	99
90) Hexachloroethane	12.58	117	98092	52.169	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	274899	51.818	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	46337	49.206	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	186956	54.932	ug/l	97
94) Hexachlorobutadiene	13.76	225	84247	55.730	ug/l	93
95) Naphthalene	13.82	128	560942	49.406	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	181667	54.557	ug/l	99

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

