

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071320\
 Data File : VX017352.D
 Acq On : 13 Jul 2020 12:09
 Operator : JC/SP
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 7/14/2020 11:35:53 AM

Quant Time: Jul 13 12:36:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 13 11:59:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	305502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	462615	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	465819	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	253427	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	561951	147.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	295.56%	
35) Dibromofluoromethane	5.47	113	451986	152.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	304.18%	
50) Toluene-d8	8.70	98	1706012	154.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	309.80%	
62) 4-Bromofluorobenzene	11.12	95	696055	161.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	322.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	409546	139.656	ug/l	100
3) Chloromethane	1.31	50	443771	127.442	ug/l	99
4) Vinyl Chloride	1.39	62	437976	133.650	ug/l	99
5) Bromomethane	1.62	94	255103	142.025	ug/l	98
6) Chloroethane	1.69	64	270932	138.802	ug/l	100
7) Trichlorofluoromethane	1.90	101	713733	143.833	ug/l	97
8) Diethyl Ether	2.17	74	242899	135.573	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	391347	133.862	ug/l	99
10) Methyl Iodide	2.49	142	565087	151.475	ug/l	98
11) Tert butyl alcohol	3.03	59	496693	702.867	ug/l	100
12) 1,1-Dichloroethene	2.35	96	392779	131.594	ug/l	99
13) Acrolein	2.28	56	285564	680.910	ug/l	98
14) Allyl chloride	2.70	41	708105	129.063	ug/l	98
15) Acrylonitrile	3.12	53	1175489	689.084	ug/l	99
16) Acetone	2.42	43	983319	702.813	ug/l	99
17) Carbon Disulfide	2.54	76	1179744	128.822	ug/l	100
18) Methyl Acetate	2.75	43	480487	132.694	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1414408	140.506	ug/l	99
20) Methylene Chloride	2.83	84	449768	126.618	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	446274	133.893	ug/l	97
22) Diisopropyl ether	3.83	45	1339399	131.996	ug/l #	88
23) Vinyl Acetate	3.79	43	6123810	699.564	ug/l	100
24) 1,1-Dichloroethane	3.67	63	771155	132.973	ug/l	99
25) 2-Butanone	4.64	43	1627759	703.167	ug/l	98
26) 2,2-Dichloropropane	4.55	77	704285	135.258	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	503116	134.003	ug/l	98
28) Bromochloromethane	4.98	49	360351	128.142	ug/l	100
29) Tetrahydrofuran	5.09	42	1048762	688.691	ug/l	99
30) Chloroform	5.18	83	825159	137.642	ug/l	100
31) Cyclohexane	5.55	56	677870	136.619	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	779184	140.490	ug/l	100
36) 1,1-Dichloropropene	5.77	75	619627	141.662	ug/l	100
37) Ethyl Acetate	4.80	43	638218	144.633	ug/l	99
38) Carbon Tetrachloride	5.75	117	724265	148.812	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	712494	147.112	ug/l	96
40) Benzene	6.12	78	1778656	138.832	ug/l	100
41) Methacrylonitrile	5.01	41	362894	146.091	ug/l	98
42) 1,2-Dichloroethane	6.16	62	687367	146.945	ug/l	99
43) Isopropyl Acetate	6.42	43	1085605	147.840	ug/l	100
44) Trichloroethene	7.19	130	543585	139.855	ug/l	96
45) 1,2-Dichloropropane	7.49	63	466846	141.961	ug/l	100
46) Dibromomethane	7.64	93	333694	147.643	ug/l	99
47) Bromodichloromethane	7.88	83	709208	151.914	ug/l	97
48) Methyl methacrylate	7.74	41	556048	159.545	ug/l	100
49) 1,4-Dioxane	7.71	88	217608	2781.360	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	3357832	765.291	ug/l	100
52) Toluene	8.77	92	1197148	148.958	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	821828	159.686	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	830046	150.753	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	494382	149.860	ug/l	99
56) Ethyl methacrylate	9.16	69	793847	169.693	ug/l	99
57) 1,3-Dichloropropane	9.35	76	824179	148.179	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1902366	813.917	ug/l	100
59) 2-Hexanone	9.48	43	2552369	792.084	ug/l	99
60) Dibromochloromethane	9.57	129	629746	163.062	ug/l	100
61) 1,2-Dibromoethane	9.65	107	554282	156.093	ug/l	98
64) Tetrachloroethene	9.32	164	535136	140.339	ug/l	99
65) Chlorobenzene	10.12	112	1385204	143.996	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	557985	149.471	ug/l	99
67) Ethyl Benzene	10.24	91	2422617	151.042	ug/l	100
68) m/p-Xylenes	10.34	106	1859049	301.917	ug/l	98
69) o-Xylene	10.68	106	893433	152.051	ug/l	99
70) Styrene	10.70	104	1571030	157.231	ug/l	100
71) Bromoform	10.84	173	493693	165.573	ug/l #	99
73) Isopropylbenzene	11.00	105	2422781	146.585	ug/l	99
74) N-amyl acetate	10.88	43	1016851	145.930	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	709004	137.167	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	659018m	133.566	ug/l	
77) Bromobenzene	11.24	156	650929	142.121	ug/l	97
78) n-propylbenzene	11.35	91	2769337	148.065	ug/l	100
79) 2-Chlorotoluene	11.41	91	1637310	144.660	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	2070191	150.832	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	281261	148.082	ug/l	98
82) 4-Chlorotoluene	11.49	91	1946514	143.634	ug/l	99
83) tert-Butylbenzene	11.76	119	2038193	151.119	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2104173	150.768	ug/l	99
85) sec-Butylbenzene	11.93	105	2397328	151.338	ug/l	100
86) p-Isopropyltoluene	12.05	119	2271696	154.252	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1171912	140.721	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	1165419	137.166	ug/l	100
89) n-Butylbenzene	12.37	91	1936082	147.750	ug/l	99
90) Hexachloroethane	12.58	117	432031	149.130	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	1118369	144.461	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	185435	148.548	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	842388	158.770	ug/l	98
94) Hexachlorobutadiene	13.77	225	319513	147.251	ug/l	98
95) Naphthalene	13.82	128	2591189	162.377	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	812319	158.545	ug/l	96

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

