

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071320\
 Data File : VX017351.D
 Acq On : 13 Jul 2020 11:46
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 7/14/2020 11:35:51 AM

Quant Time: Jul 13 12:26:26 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	5.63	168	297980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	445630	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	440348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	238121	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	363550	98.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.04%	
35) Dibromofluoromethane	5.47	113	295500	103.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.44%	
50) Toluene-d8	8.70	98	1091708	102.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.80%	
62) 4-Bromofluorobenzene	11.12	95	452176	108.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	217.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	270113	94.434	ug/l	99
3) Chloromethane	1.31	50	280112	82.473	ug/l	98
4) Vinyl Chloride	1.39	62	285196	89.225	ug/l	98
5) Bromomethane	1.62	94	164610	93.958	ug/l	97
6) Chloroethane	1.70	64	177547	93.256	ug/l	99
7) Trichlorofluoromethane	1.91	101	477960	98.751	ug/l	98
8) Diethyl Ether	2.17	74	160873	92.057	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	263336	92.349	ug/l	99
10) Methyl Iodide	2.49	142	371547	102.110	ug/l	99
11) Tert butyl alcohol	3.03	59	325552	472.316	ug/l	100
12) 1,1-Dichloroethene	2.36	96	259951	89.290	ug/l	96
13) Acrolein	2.27	56	187815	459.139	ug/l	99
14) Allyl chloride	2.70	41	466342	87.144	ug/l	100
15) Acrylonitrile	3.12	53	769983	462.766	ug/l	99
16) Acetone	2.42	43	641183	469.844	ug/l	98
17) Carbon Disulfide	2.55	76	777639	87.058	ug/l	98
18) Methyl Acetate	2.75	43	315127	89.224	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	942011	95.941	ug/l	98
20) Methylene Chloride	2.83	84	297067	85.741	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	302045	92.908	ug/l	96
22) Diisopropyl ether	3.82	45	895719	90.500	ug/l	99
23) Vinyl Acetate	3.79	43	4083674	478.281	ug/l	99
24) 1,1-Dichloroethane	3.67	63	515053	91.054	ug/l	99
25) 2-Butanone	4.64	43	1068907	473.407	ug/l	97
26) 2,2-Dichloropropane	4.55	77	477128	93.945	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	332121	90.692	ug/l	98
28) Bromochloromethane	4.99	49	237482	86.581	ug/l	99
29) Tetrahydrofuran	5.09	42	689699	464.338	ug/l	99
30) Chloroform	5.18	83	547623	93.653	ug/l	99
31) Cyclohexane	5.54	56	446098	92.177	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	518337	95.817	ug/l	99
36) 1,1-Dichloropropene	5.77	75	409866	97.277	ug/l	100
37) Ethyl Acetate	4.79	43	421915	99.258	ug/l	99
38) Carbon Tetrachloride	5.75	117	480572	102.505	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	467629	100.233	ug/l	97
40) Benzene	6.12	78	1178609	95.502	ug/l	99
41) Methacrylonitrile	5.01	41	235352	98.357	ug/l	98
42) 1,2-Dichloroethane	6.17	62	453258	100.591	ug/l	99
43) Isopropyl Acetate	6.42	43	704869	99.649	ug/l	100
44) Trichloroethene	7.19	130	357552	95.498	ug/l	97
45) 1,2-Dichloropropane	7.49	63	301622	95.215	ug/l	99
46) Dibromomethane	7.63	93	218925	100.556	ug/l	99
47) Bromodichloromethane	7.88	83	463184	102.997	ug/l	99
48) Methyl methacrylate	7.74	41	351702	104.759	ug/l	99
49) 1,4-Dioxane	7.71	88	139686	1853.449	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	2203998	521.464	ug/l	100
52) Toluene	8.77	92	781875	100.995	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	532078	107.326	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	542948	102.369	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	322600	101.516	ug/l	98
56) Ethyl methacrylate	9.16	69	503563	111.744	ug/l	100
57) 1,3-Dichloropropane	9.35	76	537429	100.307	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1256136	557.915	ug/l	100
59) 2-Hexanone	9.48	43	1679711	541.137	ug/l	100
60) Dibromochloromethane	9.57	129	410502	110.344	ug/l	99
61) 1,2-Dibromoethane	9.65	107	358011	104.663	ug/l	99
64) Tetrachloroethene	9.32	164	362242	100.493	ug/l	96
65) Chlorobenzene	10.12	112	885398	97.363	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	358285	101.527	ug/l	99
67) Ethyl Benzene	10.24	91	1554773	102.542	ug/l	99
68) m/p-Xylenes	10.34	106	1202949	206.664	ug/l	98
69) o-Xylene	10.68	106	580471	104.503	ug/l	100
70) Styrene	10.70	104	1023596	108.369	ug/l	99
71) Bromoform	10.84	173	321930	114.213	ug/l #	99
73) Isopropylbenzene	11.00	105	1567949	100.963	ug/l	99
74) N-amyl acetate	10.88	43	666301	101.768	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	450521	92.762	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	436697m	94.196	ug/l	
77) Bromobenzene	11.24	156	426122	99.018	ug/l	99
78) n-propylbenzene	11.34	91	1802285	102.555	ug/l	99
79) 2-Chlorotoluene	11.40	91	1064803	100.125	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1356490	105.185	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	181899	101.924	ug/l	98
82) 4-Chlorotoluene	11.49	91	1277734	100.345	ug/l	100
83) tert-Butylbenzene	11.76	119	1317885	103.994	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1380060	105.240	ug/l	100
85) sec-Butylbenzene	11.93	105	1545389	103.828	ug/l	100
86) p-Isopropyltoluene	12.05	119	1472867	106.438	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	760958	97.248	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	747700	93.658	ug/l	99
89) n-Butylbenzene	12.37	91	1247743	101.341	ug/l	99
90) Hexachloroethane	12.58	117	272460	100.094	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	711826	97.858	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	115253	98.261	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	521090	104.526	ug/l	100
94) Hexachlorobutadiene	13.77	225	208356	102.195	ug/l	98
95) Naphthalene	13.82	128	1624021	108.311	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	511147	106.176	ug/l	99

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

