

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030420\
 Data File : VX015083.D
 Acq On : 04 Mar 2020 10:09
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 3/5/2020 12:32:35 PM

Quant Time: Mar 04 13:44:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 13:12:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	385482	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	593511	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	547544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	285364	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	446696	97.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.36%	
35) Dibromofluoromethane	5.49	113	373742	99.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.64%	
50) Toluene-d8	8.71	98	1429244	100.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.70%	
62) 4-Bromofluorobenzene	11.13	95	507436	99.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	331869	98.316	ug/l	99
3) Chloromethane	1.32	50	451165	94.355	ug/l	100
4) Vinyl Chloride	1.40	62	466731	96.263	ug/l	99
5) Bromomethane	1.64	94	298753	100.226	ug/l	99
6) Chloroethane	1.72	64	280486	96.438	ug/l	99
7) Trichlorofluoromethane	1.92	101	567913	98.440	ug/l	98
8) Diethyl Ether	2.18	74	258474	97.879	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	356265	98.153	ug/l	99
10) Methyl Iodide	2.50	142	456292	111.270	ug/l	100
11) Tert butyl alcohol	3.06	59	388451	489.569	ug/l	99
12) 1,1-Dichloroethene	2.37	96	368944	98.490	ug/l	99
13) Acrolein	2.28	56	365993	490.830	ug/l	99
14) Allyl chloride	2.72	41	666127	101.983	ug/l	100
15) Acrylonitrile	3.14	53	999063	505.592	ug/l	99
16) Acetone	2.44	43	861711	465.266	ug/l	100
17) Carbon Disulfide	2.56	76	1040514	100.020	ug/l	100
18) Methyl Acetate	2.76	43	428581	94.637	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	1199039	102.430	ug/l	100
20) Methylene Chloride	2.85	84	404739	93.379	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	395981	98.998	ug/l	98
22) Diisopropyl ether	3.84	45	1321322	101.536	ug/l	99
23) Vinyl Acetate	3.81	43	5714785	534.234	ug/l	100
24) 1,1-Dichloroethane	3.69	63	717999	99.411	ug/l	100
25) 2-Butanone	4.66	43	1373182	506.440	ug/l	99
26) 2,2-Dichloropropane	4.58	77	573021	99.940	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	449141	100.090	ug/l	99
28) Bromochloromethane	5.01	49	330761	100.570	ug/l	98
29) Tetrahydrofuran	5.11	42	884326	505.957	ug/l	99
30) Chloroform	5.20	83	692902	98.430	ug/l	100
31) Cyclohexane	5.57	56	657478	102.057	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	597648	102.418	ug/l	98
36) 1,1-Dichloropropene	5.79	75	546696	99.572	ug/l	99
37) Ethyl Acetate	4.82	43	550410	108.094	ug/l	99
38) Carbon Tetrachloride	5.78	117	520809	100.492	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	663740	103.539	ug/l	99
40) Benzene	6.14	78	1608548	98.753	ug/l	99
41) Methacrylonitrile	5.03	41	309775	109.697	ug/l	98
42) 1,2-Dichloroethane	6.19	62	557106	99.597	ug/l	98
43) Isopropyl Acetate	6.44	43	925530	103.308	ug/l	100
44) Trichloroethene	7.21	130	452115	99.664	ug/l	98
45) 1,2-Dichloropropane	7.51	63	422396	100.188	ug/l	100
46) Dibromomethane	7.65	93	272167	99.068	ug/l	99
47) Bromodichloromethane	7.89	83	560255	103.129	ug/l	99
48) Methyl methacrylate	7.76	41	465899	102.169	ug/l	99
49) 1,4-Dioxane	7.74	88	189846	1930.129	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	2738962	517.114	ug/l	99
52) Toluene	8.78	92	1014787	101.897	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	634625	109.045	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	697865	106.760	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	402273	98.132	ug/l	97
56) Ethyl methacrylate	9.17	69	642442	109.890	ug/l	99
57) 1,3-Dichloropropane	9.37	76	689174	99.932	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1692470	531.357	ug/l	99
59) 2-Hexanone	9.49	43	2055703	523.669	ug/l	98
60) Dibromochloromethane	9.58	129	449203	104.317	ug/l	99
61) 1,2-Dibromoethane	9.67	107	421304	97.847	ug/l	100
64) Tetrachloroethene	9.33	164	438882	96.945	ug/l	99
65) Chlorobenzene	10.14	112	1089678	99.127	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	413342	99.719	ug/l	99
67) Ethyl Benzene	10.25	91	1962274	105.121	ug/l	100
68) m/p-Xylenes	10.36	106	1491791	210.051	ug/l	99
69) o-Xylene	10.70	106	706252	103.864	ug/l	99
70) Styrene	10.71	104	1239001	106.270	ug/l	100
71) Bromoform	10.85	173	344303	107.114	ug/l	97
73) Isopropylbenzene	11.01	105	1892770	103.831	ug/l	100
74) N-amyl acetate	10.89	43	825422	107.443	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	585810	96.427	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	562681m	100.473	ug/l	
77) Bromobenzene	11.25	156	492320	96.908	ug/l	100
78) n-propylbenzene	11.35	91	2176785	104.521	ug/l	100
79) 2-Chlorotoluene	11.42	91	1245766	100.163	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1584340	104.404	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	213727	106.561	ug/l	98
82) 4-Chlorotoluene	11.51	91	1485822	101.118	ug/l	99
83) tert-Butylbenzene	11.76	119	1517709	103.434	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1597310	104.776	ug/l	99
85) sec-Butylbenzene	11.94	105	1861811	105.109	ug/l	100
86) p-Isopropyltoluene	12.06	119	1725595	105.738	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	886188	99.227	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	885905	98.266	ug/l	99
89) n-Butylbenzene	12.39	91	1595254	109.907	ug/l	100
90) Hexachloroethane	12.59	117	318231	103.146	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	879729	99.078	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	128869	105.933	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	669359	108.603	ug/l	99
94) Hexachlorobutadiene	13.78	225	310074	98.041	ug/l	97
95) Naphthalene	13.83	128	1941806	115.263	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	665793	108.269	ug/l	100

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

