

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110119\
 Data File : VN059055.D
 Acq On : 1 Nov 2019 11:53
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 11/5/2019 1:58:53 PM

Quant Time: Nov 02 04:41:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 05:16:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	488371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	761292	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	709382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	358185	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	610824	87.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	174.04%	
35) Dibromofluoromethane	7.57	113	475546	95.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	190.72%	
50) Toluene-d8	10.08	98	1895014	97.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.82%	
62) 4-Bromofluorobenzene	12.40	95	709606	99.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	518008	87.688	ug/l	97
3) Chloromethane	2.04	50	689384	92.927	ug/l	99
4) Vinyl Chloride	2.17	62	679633	92.647	ug/l	98
5) Bromomethane	2.52	94	380639m	84.330	ug/l	
6) Chloroethane	2.67	64	395279	84.818	ug/l	99
7) Trichlorofluoromethane	2.99	101	792443	87.913	ug/l	99
8) Diethyl Ether	3.38	74	323724	100.989	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	470563	92.502	ug/l	100
10) Methyl Iodide	3.92	142	628186	95.742	ug/l	100
11) Tert butyl alcohol	4.76	59	619517	522.134	ug/l	100
12) 1,1-Dichloroethene	3.71	96	471259	98.537	ug/l	97
13) Acrolein	3.58	56	414330	517.676	ug/l	98
14) Allyl chloride	4.29	41	963150	99.735	ug/l	99
15) Acrylonitrile	4.95	53	1565047	528.001	ug/l	99
16) Acetone	3.79	43	1627823	470.415	ug/l	99
17) Carbon Disulfide	4.02	76	1487313	96.981	ug/l	99
18) Methyl Acetate	4.29	43	773944	96.609	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	1657572	99.608	ug/l	100
20) Methylene Chloride	4.52	84	549805	91.795	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	512568	97.512	ug/l	100
22) Diisopropyl ether	5.92	45	1860238	99.011	ug/l	99
23) Vinyl Acetate	5.86	43	7393785	492.329	ug/l	95
24) 1,1-Dichloroethane	5.82	63	1011194	92.810	ug/l	99
25) 2-Butanone	6.81	43	2264199	500.869	ug/l	100
26) 2,2-Dichloropropane	6.80	77	852630	90.811	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	583114	97.296	ug/l	99
28) Bromochloromethane	7.17	49	295493	82.676	ug/l	99
29) Tetrahydrofuran	7.18	42	1436146	518.068	ug/l	100
30) Chloroform	7.35	83	957978	88.242	ug/l	98
31) Cyclohexane	7.63	56	957471	94.499	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	833662	91.320	ug/l	99
36) 1,1-Dichloropropene	7.77	75	765589	99.871	ug/l	100
37) Ethyl Acetate	6.90	43	861410	102.936	ug/l	100
38) Carbon Tetrachloride	7.75	117	739685	93.805	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	931503	107.292	ug/l	100
40) Benzene	8.02	78	2245127	99.320	ug/l	99
41) Methacrylonitrile	7.16	41	411711m	108.576	ug/l	
42) 1,2-Dichloroethane	8.10	62	769531	89.733	ug/l	99
43) Isopropyl Acetate	8.15	43	1384921	102.987	ug/l	100
44) Trichloroethene	8.82	130	546736	99.061	ug/l	98
45) 1,2-Dichloropropane	9.10	63	611253	98.675	ug/l	99
46) Dibromomethane	9.19	93	377740	96.840	ug/l	99
47) Bromodichloromethane	9.39	83	775283	96.666	ug/l	100
48) Methyl methacrylate	9.18	41	648148	106.913	ug/l	99
49) 1,4-Dioxane	9.18	88	237333	2327.802	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	3920482	501.528	ug/l	94
52) Toluene	10.15	92	1384813	103.515	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	918834	103.199	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	980967	102.863	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	538837	97.627	ug/l	99
56) Ethyl methacrylate	10.42	69	933462	114.552	ug/l	100
57) 1,3-Dichloropropane	10.70	76	955443	99.031	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	1869874	545.705	ug/l	100
59) 2-Hexanone	10.75	43	3170874	525.861	ug/l	96
60) Dibromochloromethane	10.90	129	602545	101.556	ug/l	100
61) 1,2-Dibromoethane	11.00	107	568961	100.941	ug/l	100
64) Tetrachloroethene	10.63	164	481986	98.106	ug/l	100
65) Chlorobenzene	11.43	112	1446873	101.181	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	537276	99.745	ug/l	99
67) Ethyl Benzene	11.51	91	2604952	104.110	ug/l	97
68) m/p-Xylenes	11.62	106	2009015	216.809	ug/l	91
69) o-Xylene	11.95	106	957183	108.017	ug/l	97
70) Styrene	11.96	104	1624121	112.391	ug/l	99
71) Bromoform	12.13	173	450695	107.383	ug/l #	100
73) Isopropylbenzene	12.25	105	2529479	97.459	ug/l	98
74) N-amyl acetate	12.07	43	1242812	106.299	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	860894	94.356	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	800635m	96.372	ug/l	
77) Bromobenzene	12.53	156	625355	97.608	ug/l	99
78) n-propylbenzene	12.59	91	2961793	96.656	ug/l	97
79) 2-Chlorotoluene	12.68	91	1817935	96.791	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	2205329	101.474	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	329145	103.417	ug/l	98
82) 4-Chlorotoluene	12.78	91	1890853	98.799	ug/l	99
83) tert-Butylbenzene	13.00	119	1893470	101.733	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2202544	102.816	ug/l	98
85) sec-Butylbenzene	13.17	105	2502974	101.095	ug/l	99
86) p-Isopropyltoluene	13.29	119	2304101	105.308	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	1141234	99.900	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	1141495	99.871	ug/l	100
89) n-Butylbenzene	13.62	91	2121209	106.181	ug/l	99
90) Hexachloroethane	13.88	117	430242	96.881	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	1112558	99.272	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	188461	92.383	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	700634	113.895	ug/l	100
94) Hexachlorobutadiene	15.01	225	358490	98.187	ug/l	98
95) Naphthalene	15.13	128	2038360	119.624	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	692372	114.368	ug/l	100

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

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