

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051719\
 Data File : VN055601.D
 Acq On : 17 May 2019 10:39
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 5/20/2019 9:10:02 AM

Quant Time: May 17 23:36:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:16:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	324895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	490236	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	429223	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	202857	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	177168	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	
35) Dibromofluoromethane	7.59	113	157826	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
50) Toluene-d8	10.09	98	592410	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
62) 4-Bromofluorobenzene	12.40	95	206132	53.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	116892	42.648	ug/l	100
3) Chloromethane	2.06	50	155939	45.530	ug/l	100
4) Vinyl Chloride	2.18	62	169379	45.687	ug/l	100
5) Bromomethane	2.56	94	110137	41.019	ug/l	100
6) Chloroethane	2.71	64	98584	41.597	ug/l	100
7) Trichlorofluoromethane	3.03	101	223483	42.639	ug/l	100
8) Diethyl Ether	3.41	74	92566	48.833	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.77	101	136885	42.996	ug/l	100
10) Methyl Iodide	3.96	142	205480	44.355	ug/l	100
11) Tert butyl alcohol	4.77	59	166983	552.118	ug/l	100
12) 1,1-Dichloroethene	3.74	96	141358	47.119	ug/l	100
13) Acrolein	3.61	56	81042	476.737	ug/l	100
14) Allyl chloride	4.33	41	239823	52.114	ug/l	100
15) Acrylonitrile	4.98	53	371506	333.500	ug/l	100
16) Acetone	3.81	43	357552	354.610	ug/l	100
17) Carbon Disulfide	4.06	76	393813	43.092	ug/l	100
18) Methyl Acetate	4.32	43	152585	65.364	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	479384	60.430	ug/l	100
20) Methylene Chloride	4.55	84	157996	46.493	ug/l	100
21) trans-1,2-Dichloroethene	5.05	96	152510	48.454	ug/l	100
22) Diisopropyl ether	5.95	45	460888	53.838	ug/l	100
23) Vinyl Acetate	5.89	43	2010782	315.159	ug/l	100
24) 1,1-Dichloroethane	5.85	63	274759	47.965	ug/l	100
25) 2-Butanone	6.83	43	512520	387.511	ug/l	100
26) 2,2-Dichloropropane	6.83	77	236669	53.370	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	177271	50.074	ug/l	100
28) Bromochloromethane	7.19	49	123643	49.431	ug/l	100
29) Tetrahydrofuran	7.21	42	329459	386.619	ug/l	100
30) Chloroform	7.37	83	273141	47.467	ug/l	100
31) Cyclohexane	7.66	56	248107	41.654	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	243974	49.248	ug/l	100
36) 1,1-Dichloropropene	7.79	75	211378	47.176	ug/l	100
37) Ethyl Acetate	6.92	43	206955	75.547	ug/l	100
38) Carbon Tetrachloride	7.78	117	220266	45.772	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	253658	49.387	ug/l	100
40) Benzene	8.04	78	628909	47.776	ug/l	100
41) Methacrylonitrile	7.18	41	93167m	66.534	ug/l	
42) 1,2-Dichloroethane	8.12	62	207005	51.600	ug/l	100
43) Isopropyl Acetate	8.16	43	337152	65.046	ug/l	100
44) Trichloroethene	8.84	130	178273	48.314	ug/l	100
45) 1,2-Dichloropropane	9.12	63	166369	49.221	ug/l	100
46) Dibromomethane	9.21	93	109390	52.998	ug/l	100
47) Bromodichloromethane	9.40	83	225792	52.121	ug/l	100
48) Methyl methacrylate	9.20	41	158804	71.170	ug/l	100
49) 1,4-Dioxane	9.20	88	65772	1818.448	ug/l	100
51) 4-Methyl-2-Pentanone	9.98	43	987753	399.739	ug/l	100
52) Toluene	10.16	92	393519	50.572	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	252371	59.048	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	275532	55.895	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	159508	54.898	ug/l	100
56) Ethyl methacrylate	10.43	69	252087	72.559	ug/l	100
57) 1,3-Dichloropropane	10.71	76	260125	54.052	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	558959	365.345	ug/l	100
59) 2-Hexanone	10.75	43	718695	423.205	ug/l	100
60) Dibromochloromethane	10.90	129	187291	55.620	ug/l	100
61) 1,2-Dibromoethane	11.00	107	165992	57.360	ug/l	100
64) Tetrachloroethene	10.63	164	164169	43.475	ug/l	100
65) Chlorobenzene	11.43	112	424928	47.436	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	167501	50.776	ug/l	100
67) Ethyl Benzene	11.51	91	744816	50.988	ug/l	100
68) m/p-Xylenes	11.62	106	566941	100.892	ug/l	100
69) o-Xylene	11.95	106	274063	50.557	ug/l	100
70) Styrene	11.96	104	472518	55.028	ug/l	100
71) Bromoform	12.13	173	148610	61.003	ug/l	100
73) Isopropylbenzene	12.25	105	726970	50.587	ug/l	100
74) N-amyl acetate	12.07	43	283388	77.246	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	226023	62.985	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	184902m	59.326	ug/l	
77) Bromobenzene	12.53	156	191088	49.753	ug/l	100
78) n-propylbenzene	12.59	91	817202	51.107	ug/l	100
79) 2-Chlorotoluene	12.67	91	485984	50.279	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	619400	51.977	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	77625	76.948	ug/l	100
82) 4-Chlorotoluene	12.77	91	490531	51.016	ug/l	100
83) tert-Butylbenzene	12.99	119	531695	49.911	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	614503	51.637	ug/l	100
85) sec-Butylbenzene	13.17	105	694286	48.677	ug/l	100
86) p-Isopropyltoluene	13.29	119	641595	51.476	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	328635	49.197	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	321788	47.914	ug/l	100
89) n-Butylbenzene	13.61	91	532423	52.098	ug/l	100
90) Hexachloroethane	13.87	117	124256	51.196	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	323881	49.323	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	45551	80.458	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	189623	55.252	ug/l	100
94) Hexachlorobutadiene	15.01	225	111455	40.868	ug/l	100
95) Naphthalene	15.13	128	514213	74.538	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	187501	56.039	ug/l	100

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

