

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082118\
 Data File : VN050782.D
 Acq On : 21 Aug 2018 11:09
 Operator : MD\SY
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 8/22/2018 11:18:52 AM

Quant Time: Aug 22 03:55:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 03:28:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	674410	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	955177	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	882204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	465137	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	399730	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
35) Dibromofluoromethane	7.59	113	374940	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
50) Toluene-d8	10.09	98	1438743	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
62) 4-Bromofluorobenzene	12.40	95	476945	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	491054	54.41	ug/l	100
3) Chloromethane	2.06	50	534737	48.04	ug/l	100
4) Vinyl Chloride	2.18	62	525124	49.80	ug/l	100
5) Bromomethane	2.56	94	297088	43.77	ug/l	100
6) Chloroethane	2.70	64	295182	48.45	ug/l	100
7) Trichlorofluoromethane	3.01	101	667027	49.40	ug/l	100
8) Diethyl Ether	3.41	74	224528	48.90	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	409058	48.49	ug/l	100
10) Methyl Iodide	3.95	142	331709	49.53	ug/l	100
11) Tert butyl alcohol	4.79	59	129462	250.41	ug/l	100
12) 1,1-Dichloroethene	3.73	96	376743	49.74	ug/l	100
13) Acrolein	3.61	56	75205	266.31	ug/l	100
14) Allyl chloride	4.32	41	596212	50.51	ug/l	100
15) Acrylonitrile	4.99	53	662255	252.05	ug/l	100
16) Acetone	3.82	43	478722	213.85	ug/l	100
17) Carbon Disulfide	4.05	76	1196447	47.12	ug/l	100
18) Methyl Acetate	4.33	43	349967	45.33	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	986032	51.75	ug/l	100
20) Methylene Chloride	4.55	84	426895	46.65	ug/l	100
21) trans-1,2-Dichloroethene	5.04	96	403600	49.44	ug/l	100
22) Diisopropyl ether	5.95	45	1223434	52.01	ug/l	100
23) Vinyl Acetate	5.90	43	4023126	265.58	ug/l	100
24) 1,1-Dichloroethane	5.85	63	733409	48.57	ug/l	100
25) 2-Butanone	6.84	43	738337	225.66	ug/l	100
26) 2,2-Dichloropropane	6.83	77	584811	48.19	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	441224	49.96	ug/l	100
28) Bromochloromethane	7.20	49	329643	51.37	ug/l	100
29) Tetrahydrofuran	7.21	42	490136	261.28	ug/l	100
30) Chloroform	7.37	83	730406	48.84	ug/l	100
31) Cyclohexane	7.65	56	669409	44.62	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	620202	48.29	ug/l	100
36) 1,1-Dichloropropene	7.79	75	570890	50.65	ug/l	100
37) Ethyl Acetate	6.93	43	336285	54.22	ug/l	100
38) Carbon Tetrachloride	7.77	117	563951	49.50	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	629803	51.65	ug/l	100
40) Benzene	8.04	78	1715540	50.47	ug/l	100
41) Methacrylonitrile	7.18	41	172131	52.50	ug/l	100
42) 1,2-Dichloroethane	8.13	62	509934	50.18	ug/l	100
43) Isopropyl Acetate	8.17	43	573234	51.49	ug/l	100
44) Trichloroethene	8.84	130	445698	49.72	ug/l	100
45) 1,2-Dichloropropane	9.12	63	443865	49.69	ug/l	100
46) Dibromomethane	9.21	93	261725	49.86	ug/l	100
47) Bromodichloromethane	9.40	83	553969	50.39	ug/l	100
48) Methyl methacrylate	9.20	41	296223	52.21	ug/l	100
49) 1,4-Dioxane	9.20	88	82620	1068.23	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	1646101	247.78	ug/l	100
52) Toluene	10.16	92	1045381	51.92	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	560042	51.18	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	648116	51.72	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	371166	49.67	ug/l	100
56) Ethyl methacrylate	10.43	69	462022	54.51	ug/l	100
57) 1,3-Dichloropropane	10.71	76	627646	50.88	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1004856	277.66	ug/l	100
59) 2-Hexanone	10.75	43	1095753	247.76	ug/l	100
60) Dibromochloromethane	10.90	129	427269	51.06	ug/l	100
61) 1,2-Dibromoethane	11.01	107	370025	51.21	ug/l	100
64) Tetrachloroethene	10.63	164	412368	49.21	ug/l	100
65) Chlorobenzene	11.43	112	1142499	49.55	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	420885	49.89	ug/l	100
67) Ethyl Benzene	11.51	91	1964181	52.40	ug/l	100
68) m/p-Xylenes	11.62	106	1529432	107.49	ug/l	100
69) o-Xylene	11.95	106	731428	53.47	ug/l	100
70) Styrene	11.96	104	1186839	55.50	ug/l	100
71) Bromoform	12.13	173	297151	51.22	ug/l	100
73) Isopropylbenzene	12.25	105	1931094	50.14	ug/l	100
74) N-amyl acetate	12.07	43	492961	50.94	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	469531	45.24	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	374166m	47.44	ug/l	
77) Bromobenzene	12.53	156	493126	47.11	ug/l	100
78) n-propylbenzene	12.59	91	2217458	51.54	ug/l	100
79) 2-Chlorotoluene	12.67	91	1317867	49.17	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1611901	51.87	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	120858	50.15	ug/l	100
82) 4-Chlorotoluene	12.77	91	1329745	50.26	ug/l	100
83) tert-Butylbenzene	12.99	119	1364511	50.70	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1652150	52.85	ug/l	100
85) sec-Butylbenzene	13.17	105	1811383	51.36	ug/l	100
86) p-Isopropyltoluene	13.29	119	1597762	53.17	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	875025	49.26	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	845211	48.35	ug/l	100
89) n-Butylbenzene	13.61	91	1281820	53.33	ug/l	100
90) Hexachloroethane	13.87	117	277396	44.60	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	841451	49.10	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	66374	47.99	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	405474	54.36	ug/l	100
94) Hexachlorobutadiene	15.01	225	257061	46.00	ug/l	100
95) Naphthalene	15.13	128	809132	54.98	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	388045	53.42	ug/l	100

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

