

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082018\
 Data File : VN050768.D
 Acq On : 20 Aug 2018 12:33
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/21/2018 2:13:09 PM

Quant Time: Aug 21 03:34:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	683863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	969457	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	902837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	460404	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	411626	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
35) Dibromofluoromethane	7.59	113	391178	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
50) Toluene-d8	10.09	98	1487867	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
62) 4-Bromofluorobenzene	12.40	95	498357	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	325838	42.26	ug/l	99
3) Chloromethane	2.06	50	439778	46.78	ug/l	100
4) Vinyl Chloride	2.18	62	444536	43.40	ug/l	99
5) Bromomethane	2.56	94	257736	46.68	ug/l	99
6) Chloroethane	2.70	64	269989	47.36	ug/l	100
7) Trichlorofluoromethane	3.01	101	585897	43.60	ug/l	100
8) Diethyl Ether	3.41	74	208286	46.60	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	369588	45.48	ug/l	100
10) Methyl Iodide	3.95	142	257978	45.40	ug/l	100
11) Tert butyl alcohol	4.79	59	114190	242.60	ug/l	100
12) 1,1-Dichloroethene	3.73	96	332527	44.81	ug/l	98
13) Acrolein	3.61	56	93904	535.09	ug/l	98
14) Allyl chloride	4.32	41	550160	47.67	ug/l	98
15) Acrylonitrile	4.99	53	624194	241.46	ug/l	99
16) Acetone	3.82	43	561155	260.78	ug/l	98
17) Carbon Disulfide	4.05	76	977833	41.88	ug/l	100
18) Methyl Acetate	4.33	43	311730	51.52	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	933551	49.43	ug/l	100
20) Methylene Chloride	4.55	84	397093	48.43	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	364938	45.36	ug/l	99
22) Diisopropyl ether	5.95	45	1171702	49.51	ug/l	97
23) Vinyl Acetate	5.90	43	3859946	249.34	ug/l	100
24) 1,1-Dichloroethane	5.85	63	689001	45.00	ug/l	99
25) 2-Butanone	6.84	43	895800	253.46	ug/l	99
26) 2,2-Dichloropropane	6.83	77	569852	55.60	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	418508	46.72	ug/l	98
28) Bromochloromethane	7.20	49	336938	48.35	ug/l	99
29) Tetrahydrofuran	7.21	42	451315	244.56	ug/l	99
30) Chloroform	7.37	83	694156	44.73	ug/l	100
31) Cyclohexane	7.66	56	601978	46.04	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	591013	45.25	ug/l	100
36) 1,1-Dichloropropene	7.79	75	531901	49.29	ug/l	100
37) Ethyl Acetate	6.93	43	310049	50.83	ug/l	100
38) Carbon Tetrachloride	7.78	117	524721	46.87	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	575544	51.51	ug/l	99
40) Benzene	8.04	78	1608917	49.01	ug/l	100
41) Methacrylonitrile	7.18	41	162984	49.42	ug/l	95
42) 1,2-Dichloroethane	8.13	62	487237	48.42	ug/l	100
43) Isopropyl Acetate	8.17	43	543390	48.88	ug/l	99
44) Trichloroethene	8.84	130	421524	47.93	ug/l	98
45) 1,2-Dichloropropane	9.12	63	424815	48.60	ug/l	98
46) Dibromomethane	9.21	93	246221	47.71	ug/l	99
47) Bromodichloromethane	9.40	83	530904	48.13	ug/l	99
48) Methyl methacrylate	9.20	41	275072	49.17	ug/l	99
49) 1,4-Dioxane	9.20	88	74950	1017.06	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	1958217	260.45	ug/l	100
52) Toluene	10.16	92	997788	50.90	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	539638	52.52	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	626302	53.13	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	360190	49.19	ug/l	98
56) Ethyl methacrylate	10.43	69	448612	48.10	ug/l	99
57) 1,3-Dichloropropane	10.71	76	606606	50.53	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1064192	238.33	ug/l	100
59) 2-Hexanone	10.75	43	1332534	274.60	ug/l	99
60) Dibromochloromethane	10.90	129	411243	50.88	ug/l	99
61) 1,2-Dibromoethane	11.01	107	354222	50.79	ug/l	99
64) Tetrachloroethene	10.63	164	383112	45.69	ug/l	99
65) Chlorobenzene	11.43	112	1095448	48.75	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	404950	48.08	ug/l	99
67) Ethyl Benzene	11.51	91	1879165	51.79	ug/l	99
68) m/p-Xylenes	11.62	106	1453776	104.77	ug/l	99
69) o-Xylene	11.95	106	701433	53.01	ug/l	99
70) Styrene	11.96	104	1148863	48.85	ug/l	100
71) Bromoform	12.13	173	282362	50.56	ug/l #	100
73) Isopropylbenzene	12.25	105	1855809	51.59	ug/l	99
74) N-amyl acetate	12.07	43	469883	50.21	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	450149	54.09	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	388810m	52.32	ug/l	
77) Bromobenzene	12.53	156	476740	48.81	ug/l	99
78) n-propylbenzene	12.59	91	2119601	52.84	ug/l	100
79) 2-Chlorotoluene	12.67	91	1264246	50.55	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1532653	53.22	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	115155	55.61	ug/l	98
82) 4-Chlorotoluene	12.77	91	1265629	51.21	ug/l	99
83) tert-Butylbenzene	12.99	119	1302079	52.08	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1561506	54.02	ug/l	100
85) sec-Butylbenzene	13.17	105	1736273	53.14	ug/l	100
86) p-Isopropyltoluene	13.29	119	1534505	55.43	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	821219	49.39	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	792978	48.06	ug/l	100
89) n-Butylbenzene	13.62	91	1214447	54.33	ug/l	99
90) Hexachloroethane	13.87	117	270722	48.63	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	791319	48.79	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	60842	47.40	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	376014	45.43	ug/l	98
94) Hexachlorobutadiene	15.01	225	241808	48.62	ug/l	100
95) Naphthalene	15.13	128	739780	42.41	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	356109	45.96	ug/l	99

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

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