

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072619\
 Data File : VN056923.D
 Acq On : 25 Jul 2019 15:25
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 7/26/2019 3:36:54 PM

Quant Time: Jul 26 03:58:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 26 03:51:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	438966	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	644837	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	583067	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	251492	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	244230	53.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.54%	
35) Dibromofluoromethane	7.57	113	223764	54.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.78%	
50) Toluene-d8	10.08	98	846285	54.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.34%	
62) 4-Bromofluorobenzene	12.40	95	277813	54.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	272711	57.633	ug/l	100
3) Chloromethane	2.05	50	299941	53.016	ug/l	100
4) Vinyl Chloride	2.17	62	280816	52.713	ug/l	100
5) Bromomethane	2.54	94	165015	51.211	ug/l	100
6) Chloroethane	2.68	64	154563	52.269	ug/l	100
7) Trichlorofluoromethane	3.00	101	368265	53.040	ug/l	100
8) Diethyl Ether	3.39	74	138836	53.395	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	221606	51.944	ug/l	100
10) Methyl Iodide	3.93	142	339058	54.087	ug/l	100
11) Tert butyl alcohol	4.77	59	164146	250.499	ug/l	100
12) 1,1-Dichloroethene	3.72	96	217779	52.867	ug/l	100
13) Acrolein	3.59	56	87332	237.820	ug/l	100
14) Allyl chloride	4.30	41	356721	53.370	ug/l	100
15) Acrylonitrile	4.96	53	515071	273.142	ug/l	100
16) Acetone	3.80	43	432462	278.799	ug/l	100
17) Carbon Disulfide	4.03	76	583808	52.618	ug/l	100
18) Methyl Acetate	4.30	43	273620	50.385	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	648817	53.564	ug/l	100
20) Methylene Chloride	4.53	84	247359	50.357	ug/l	100
21) trans-1,2-Dichloroethene	5.02	96	230860	52.371	ug/l	100
22) Diisopropyl ether	5.93	45	733093	53.857	ug/l	100
23) Vinyl Acetate	5.87	43	2605542	277.882	ug/l	100
24) 1,1-Dichloroethane	5.83	63	422343	52.812	ug/l	100
25) 2-Butanone	6.82	43	652149	273.132	ug/l	100
26) 2,2-Dichloropropane	6.81	77	317611	54.117	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	268167	53.310	ug/l	100
28) Bromochloromethane	7.18	49	195381	52.940	ug/l	100
29) Tetrahydrofuran	7.19	42	425858	272.192	ug/l	100
30) Chloroform	7.36	83	417694	50.716	ug/l	100
31) Cyclohexane	7.64	56	396531	50.953	ug/l	100
32) 1,1,1-Trichloroethane	7.55	97	348829	52.886	ug/l	100
36) 1,1-Dichloropropene	7.78	75	311776	52.884	ug/l	100
37) Ethyl Acetate	6.91	43	257789	53.962	ug/l	100
38) Carbon Tetrachloride	7.76	117	300557	53.598	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	399608	55.616	ug/l	100
40) Benzene	8.03	78	976776	53.132	ug/l	100
41) Methacrylonitrile	7.15	41	98579m	46.925	ug/l	
42) 1,2-Dichloroethane	8.11	62	302719	53.313	ug/l	100
43) Isopropyl Acetate	8.15	43	423619	53.898	ug/l	100
44) Trichloroethene	8.82	130	270160	53.868	ug/l	100
45) 1,2-Dichloropropane	9.11	63	262724	53.177	ug/l	100
46) Dibromomethane	9.20	93	162403	54.526	ug/l	100
47) Bromodichloromethane	9.39	83	316680	54.447	ug/l	100
48) Methyl methacrylate	9.19	41	211989	56.187	ug/l	100
49) 1,4-Dioxane	9.19	88	88480	1119.956	ug/l	100
51) 4-Methyl-2-Pentanone	9.98	43	1276789	273.228	ug/l	100
52) Toluene	10.15	92	605810	54.944	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	328101	55.952	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	386344	55.964	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	233555	52.854	ug/l	100
56) Ethyl methacrylate	10.42	69	333194	56.082	ug/l	100
57) 1,3-Dichloropropane	10.70	76	390887	54.048	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	689948	294.617	ug/l	100
59) 2-Hexanone	10.74	43	912484	284.827	ug/l	100
60) Dibromochloromethane	10.89	129	245964	54.786	ug/l	100
61) 1,2-Dibromoethane	11.00	107	241128	54.975	ug/l	100
64) Tetrachloroethene	10.62	164	278310	52.255	ug/l	100
65) Chlorobenzene	11.43	112	644401	52.824	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	240752	53.066	ug/l	100
67) Ethyl Benzene	11.50	91	1145055	54.518	ug/l	100
68) m/p-Xylenes	11.61	106	864134	110.335	ug/l	100
69) o-Xylene	11.94	106	416172	54.304	ug/l	100
70) Styrene	11.96	104	694386	57.199	ug/l	100
71) Bromoform	12.12	173	170625	54.148	ug/l	# 100
73) Isopropylbenzene	12.24	105	1112605	48.601	ug/l	100
74) N-amyl acetate	12.06	43	343823	51.168	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	302468	45.857	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	277079m	56.194	ug/l	
77) Bromobenzene	12.52	156	286338	48.955	ug/l	100
78) n-propylbenzene	12.59	91	1228705	50.827	ug/l	100
79) 2-Chlorotoluene	12.67	91	728552	48.406	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	929997	49.202	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	85527	53.570	ug/l	100
82) 4-Chlorotoluene	12.77	91	718462	51.961	ug/l	100
83) tert-Butylbenzene	12.99	119	795627	47.775	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	914706	51.104	ug/l	100
85) sec-Butylbenzene	13.17	105	1061586	50.409	ug/l	100
86) p-Isopropyltoluene	13.28	119	961804	51.685	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	465225	53.160	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	441359	52.668	ug/l	100
89) n-Butylbenzene	13.61	91	770065	53.577	ug/l	100
90) Hexachloroethane	13.87	117	154559	46.915	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	458957	51.775	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	47016	52.237	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	217314	59.341	ug/l	100
94) Hexachlorobutadiene	15.00	225	168554	47.104	ug/l	100
95) Naphthalene	15.12	128	561133	60.598	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	234230	58.879	ug/l	100

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

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