

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082219\
 Data File : VN057440.D
 Acq On : 22 Aug 2019 18:17
 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
 8/23/2019 2:40:09 PM

Quant Time: Aug 23 04:34:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 04:20:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	406058	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	734947	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	654917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	249303	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	356562	71.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	142.86%	
35) Dibromofluoromethane	7.57	113	242174	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
50) Toluene-d8	10.09	98	959272	53.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.96%	
62) 4-Bromofluorobenzene	12.40	95	323959	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	237084	63.408	ug/l	100
3) Chloromethane	2.05	50	315949	69.537	ug/l	100
4) Vinyl Chloride	2.17	62	397016	86.311	ug/l	100
5) Bromomethane	2.54	94	235240	74.297	ug/l	100
6) Chloroethane	2.68	64	245936	80.075	ug/l	100
7) Trichlorofluoromethane	3.00	101	594322	83.603	ug/l	100
8) Diethyl Ether	3.39	74	218594	82.329	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	316660	77.947	ug/l	100
10) Methyl Iodide	3.92	142	260248	46.310	ug/l	100
11) Tert butyl alcohol	4.79	59	204977	305.851	ug/l	100
12) 1,1-Dichloroethene	3.71	96	316095	78.131	ug/l	100
13) Acrolein	3.58	56	189661	410.738	ug/l	100
14) Allyl chloride	4.29	41	446765	71.120	ug/l	100
15) Acrylonitrile	4.96	53	575456	318.567	ug/l	100
16) Acetone	3.80	43	522290	318.617	ug/l	100
17) Carbon Disulfide	4.02	76	594324	59.122	ug/l	100
18) Methyl Acetate	4.30	43	346955	52.230	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	760382	63.811	ug/l	100
20) Methylene Chloride	4.52	84	235988	53.531	ug/l	100
21) trans-1,2-Dichloroethene	5.01	96	218463	55.225	ug/l	100
22) Diisopropyl ether	5.93	45	924071	73.590	ug/l	100
23) Vinyl Acetate	5.87	43	3612698	361.354	ug/l	100
24) 1,1-Dichloroethane	5.82	63	477730	64.277	ug/l	100
25) 2-Butanone	6.82	43	827390	343.706	ug/l	100
26) 2,2-Dichloropropane	6.80	77	406406	67.101	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	263238	56.028	ug/l	100
28) Bromochloromethane	7.18	49	283492	80.125	ug/l	100
29) Tetrahydrofuran	7.20	42	551561	357.534	ug/l	100
30) Chloroform	7.36	83	465547	60.515	ug/l	100
31) Cyclohexane	7.64	56	468621	69.136	ug/l	100
32) 1,1,1-Trichloroethane	7.55	97	408953	63.192	ug/l	100
36) 1,1-Dichloropropene	7.78	75	344731	52.111	ug/l	100
37) Ethyl Acetate	6.91	43	350415	62.961	ug/l	100
38) Carbon Tetrachloride	7.76	117	346449	50.893	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	421992	54.364	ug/l	100
40) Benzene	8.03	78	1039016	51.648	ug/l	100
41) Methacrylonitrile	7.15	41	160096	63.034	ug/l	100
42) 1,2-Dichloroethane	8.11	62	395553	57.905	ug/l	100
43) Isopropyl Acetate	8.16	43	636163	53.155	ug/l	100
44) Trichloroethene	8.82	130	238261	43.406	ug/l	100
45) 1,2-Dichloropropane	9.11	63	287670	54.745	ug/l	100
46) Dibromomethane	9.20	93	181536	52.320	ug/l	100
47) Bromodichloromethane	9.39	83	380785	54.952	ug/l	100
48) Methyl methacrylate	9.19	41	306456	65.716	ug/l	100
49) 1,4-Dioxane	9.20	88	75248	843.088	ug/l	100
51) 4-Methyl-2-Pentanone	9.98	43	1802074	311.998	ug/l	100
52) Toluene	10.15	92	617337	49.856	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	405793	54.381	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	444151	54.117	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	240333	49.396	ug/l	100
56) Ethyl methacrylate	10.43	69	399866	55.464	ug/l	100
57) 1,3-Dichloropropane	10.70	76	431172	52.403	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	513566	277.619	ug/l	100
59) 2-Hexanone	10.75	43	1242102	302.714	ug/l	100
60) Dibromochloromethane	10.90	129	259642	48.075	ug/l	100
61) 1,2-Dibromoethane	11.00	107	247567	48.072	ug/l	100
64) Tetrachloroethene	10.63	164	208873	38.070	ug/l	100
65) Chlorobenzene	11.43	112	610911	46.099	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	235949	46.567	ug/l	100
67) Ethyl Benzene	11.51	91	1224842	51.743	ug/l	100
68) m/p-Xylenes	11.62	106	862003	100.078	ug/l	100
69) o-Xylene	11.95	106	425074	50.201	ug/l	100
70) Styrene	11.96	104	699547	51.810	ug/l	100
71) Bromoform	12.13	173	165553	42.374	ug/l #	100
73) Isopropylbenzene	12.25	105	1143607	46.776	ug/l	100
74) N-amyl acetate	12.07	43	527378	66.868	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	324372	45.372	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	292242m	47.667	ug/l	
77) Bromobenzene	12.53	156	232609	37.712	ug/l	100
78) n-propylbenzene	12.59	91	1284783	52.174	ug/l	100
79) 2-Chlorotoluene	12.68	91	765689	48.698	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	943339	47.968	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	110644	52.846	ug/l	100
82) 4-Chlorotoluene	12.77	91	743919	51.200	ug/l	100
83) tert-Butylbenzene	12.99	119	788569	43.588	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	907129	49.678	ug/l	100
85) sec-Butylbenzene	13.17	105	1056892	48.309	ug/l	100
86) p-Isopropyltoluene	13.29	119	892811	48.077	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	375707	43.707	ug/l	100
88) 1,4-Dichlorobenzene	13.37	146	366096	44.527	ug/l	100
89) n-Butylbenzene	13.62	91	784022	57.398	ug/l	100
90) Hexachloroethane	13.88	117	185891	47.939	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	365033	45.417	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	57160	60.700	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	122872	45.815	ug/l	100
94) Hexachlorobutadiene	15.01	225	98805	27.852	ug/l	100
95) Naphthalene	15.13	128	407976	65.306	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	123815	48.027	ug/l	100

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

