

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050819\
 Data File : VN055481.D
 Acq On : 8 May 2019 17:49
 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
 5/9/2019 6:32:57 PM

Quant Time: May 09 04:04:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 03:36:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	712756	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1213496	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1064290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	456395	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	527270	54.82	ug/l	0.00
Spiked Amount			Recovery	=	109.64%	
35) Dibromofluoromethane	7.59	113	392994	49.18	ug/l	0.00
Spiked Amount			Recovery	=	98.36%	
50) Toluene-d8	10.09	98	1560638	53.23	ug/l	0.00
Spiked Amount			Recovery	=	106.46%	
62) 4-Bromofluorobenzene	12.40	95	537712	58.13	ug/l	0.00
Spiked Amount			Recovery	=	116.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	337897	40.439	ug/l	100
3) Chloromethane	2.06	50	548580	50.364	ug/l	100
4) Vinyl Chloride	2.19	62	523068	57.632	ug/l	100
5) Bromomethane	2.53	94	287979	59.231	ug/l	100
6) Chloroethane	2.68	64	301338	60.432	ug/l	100
7) Trichlorofluoromethane	3.01	101	581620	46.962	ug/l	100
8) Diethyl Ether	3.41	74	261119	57.976	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	366674	49.382	ug/l	100
10) Methyl Iodide	3.94	142	536150	51.446	ug/l	100
11) Tert butyl alcohol	4.82	59	401967	536.246	ug/l	100
12) 1,1-Dichloroethene	3.73	96	374559	52.292	ug/l	100
13) Acrolein	3.60	56	259508	482.676	ug/l	100
14) Allyl chloride	4.32	41	788045	53.127	ug/l	100
15) Acrylonitrile	4.99	53	1238527	372.669	ug/l	100
16) Acetone	3.82	43	1193505	367.268	ug/l	100
17) Carbon Disulfide	4.04	76	1040057	55.387	ug/l	100
18) Methyl Acetate	4.33	43	527320	58.704	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	1280762	61.768	ug/l	100
20) Methylene Chloride	4.55	84	464950	51.258	ug/l	100
21) trans-1,2-Dichloroethene	5.04	96	407633	53.571	ug/l	100
22) Diisopropyl ether	5.96	45	1640309	55.356	ug/l	100
23) Vinyl Acetate	5.90	43	6597885	329.141	ug/l	100
24) 1,1-Dichloroethane	5.85	63	841417	53.296	ug/l	100
25) 2-Butanone	6.85	43	1781311	417.253	ug/l	100
26) 2,2-Dichloropropane	6.82	77	543437	50.561	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	484016	55.636	ug/l	100
28) Bromochloromethane	7.20	49	453876	56.383	ug/l	100
29) Tetrahydrofuran	7.22	42	1140248	416.906	ug/l	100
30) Chloroform	7.37	83	784560	52.614	ug/l	100
31) Cyclohexane	7.65	56	805706	53.211	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	607958	50.679	ug/l	100
36) 1,1-Dichloropropene	7.79	75	607650	51.469	ug/l	100
37) Ethyl Acetate	6.94	43	674273	69.280	ug/l	100
38) Carbon Tetrachloride	7.77	117	487394	44.021	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	719858	56.591	ug/l	100
40) Benzene	8.04	78	1880076	53.886	ug/l	100
41) Methacrylonitrile	7.18	41	333841	66.388	ug/l	100
42) 1,2-Dichloroethane	8.13	62	633195	51.468	ug/l	100
43) Isopropyl Acetate	8.17	43	1059864	68.911	ug/l	100
44) Trichloroethene	8.83	130	435292	49.542	ug/l	100
45) 1,2-Dichloropropane	9.12	63	524209	52.286	ug/l	100
46) Dibromomethane	9.21	93	306271	55.226	ug/l	100
47) Bromodichloromethane	9.40	83	593760	50.886	ug/l	100
48) Methyl methacrylate	9.20	41	505657	67.264	ug/l	100
49) 1,4-Dioxane	9.20	88	197091	2110.696	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	3438634	383.088	ug/l	100
52) Toluene	10.16	92	1093154	54.553	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	611827	59.409	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	727862	57.094	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	431140	57.238	ug/l	100
56) Ethyl methacrylate	10.43	69	677241	70.280	ug/l	100
57) 1,3-Dichloropropane	10.71	76	777130	58.584	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1027126	392.807	ug/l	100
59) 2-Hexanone	10.75	43	2406214	415.850	ug/l	100
60) Dibromochloromethane	10.90	129	415661	55.194	ug/l	100
61) 1,2-Dibromoethane	11.01	107	429757	61.135	ug/l	100
64) Tetrachloroethene	10.63	164	417176	47.652	ug/l	100
65) Chlorobenzene	11.43	112	1099399	52.155	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	381751	47.126	ug/l	100
67) Ethyl Benzene	11.51	91	2081452	54.435	ug/l	100
68) m/p-Xylenes	11.62	106	1512103	110.530	ug/l	100
69) o-Xylene	11.95	106	743360	54.807	ug/l	100
70) Styrene	11.96	104	1257273	60.055	ug/l	100
71) Bromoform	12.13	173	274848	59.428	ug/l	100
73) Isopropylbenzene	12.25	105	1959813	42.767	ug/l	100
74) N-amyl acetate	12.07	43	866965	68.555	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	638327	52.627	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	585036m	53.671	ug/l	
77) Bromobenzene	12.53	156	450817	43.495	ug/l	100
78) n-propylbenzene	12.59	91	2278001	48.020	ug/l	100
79) 2-Chlorotoluene	12.67	91	1389228	45.792	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1700229	46.888	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	164875	63.102	ug/l	100
82) 4-Chlorotoluene	12.77	91	1352904	48.874	ug/l	100
83) tert-Butylbenzene	12.99	119	1420144	43.832	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1632521	50.353	ug/l	100
85) sec-Butylbenzene	13.17	105	1914360	48.405	ug/l	100
86) p-Isopropyltoluene	13.29	119	1640435	50.539	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	769042	49.813	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	742776	51.060	ug/l	100
89) n-Butylbenzene	13.61	91	1369357	58.513	ug/l	100
90) Hexachloroethane	13.87	117	255387	42.318	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	760448	49.650	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	105476	78.719	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	315475	64.552	ug/l	100
94) Hexachlorobutadiene	15.01	225	237674	42.298	ug/l	100
95) Naphthalene	15.13	128	902293	79.530	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	353663	69.035	ug/l	100

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

