

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101319\
 Data File : VN058697.D
 Acq On : 11 Oct 2019 12:36
 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
 10/16/2019 12:48:19 AM

Quant Time: Oct 12 00:02:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 23:28:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	461777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	750296	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	692637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	347085	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	323628	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
35) Dibromofluoromethane	7.57	113	233172	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
50) Toluene-d8	10.08	98	931721	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
62) 4-Bromofluorobenzene	12.40	95	352051	53.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	289942	56.014	ug/l	100
3) Chloromethane	2.04	50	328440	56.949	ug/l	100
4) Vinyl Chloride	2.17	62	333957	58.910	ug/l	100
5) Bromomethane	2.54	94	199064m	63.916	ug/l	100
6) Chloroethane	2.68	64	203245	59.694	ug/l	100
7) Trichlorofluoromethane	3.00	101	387529	57.280	ug/l	100
8) Diethyl Ether	3.39	74	146509	51.440	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	222412	49.896	ug/l	100
10) Methyl Iodide	3.93	142	318530	61.436	ug/l	100
11) Tert butyl alcohol	4.76	59	248842	310.870	ug/l	100
12) 1,1-Dichloroethene	3.72	96	218538	50.293	ug/l	100
13) Acrolein	3.58	56	205417	571.442	ug/l	100
14) Allyl chloride	4.30	41	436125	54.238	ug/l	100
15) Acrylonitrile	4.96	53	665325	294.474	ug/l	100
16) Acetone	3.79	43	665085	282.087	ug/l	100
17) Carbon Disulfide	4.03	76	679881	57.718	ug/l	100
18) Methyl Acetate	4.30	43	331368	55.478	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	797851	51.675	ug/l	100
20) Methylene Chloride	4.53	84	257956	48.406	ug/l	100
21) trans-1,2-Dichloroethene	5.02	96	245109	50.539	ug/l	100
22) Diisopropyl ether	5.93	45	872955	50.961	ug/l	100
23) Vinyl Acetate	5.87	43	3774946	289.829	ug/l	100
24) 1,1-Dichloroethane	5.82	63	489455	50.867	ug/l	100
25) 2-Butanone	6.81	43	965855	295.910	ug/l	100
26) 2,2-Dichloropropane	6.81	77	431716	54.042	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	279523	49.557	ug/l	100
28) Bromochloromethane	7.18	49	168393	44.945	ug/l	100
29) Tetrahydrofuran	7.19	42	626130	300.785	ug/l	100
30) Chloroform	7.35	83	478410	49.280	ug/l	100
31) Cyclohexane	7.63	56	453205	48.556	ug/l	100
32) 1,1,1-Trichloroethane	7.55	97	427004	53.153	ug/l	100
36) 1,1-Dichloropropene	7.77	75	373929	51.817	ug/l	100
37) Ethyl Acetate	6.91	43	394317	62.257	ug/l	100
38) Carbon Tetrachloride	7.76	117	372667	56.462	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	444021	52.544	ug/l	100
40) Benzene	8.02	78	1073571	51.785	ug/l	100
41) Methacrylonitrile	7.16	41	193442m	65.136	ug/l	
42) 1,2-Dichloroethane	8.11	62	408044	50.614	ug/l	100
43) Isopropyl Acetate	8.15	43	643728	54.878	ug/l	100
44) Trichloroethene	8.82	130	265693	51.978	ug/l	100
45) 1,2-Dichloropropane	9.11	63	290188	52.140	ug/l	100
46) Dibromomethane	9.20	93	184943	52.357	ug/l	100
47) Bromodichloromethane	9.39	83	380723	56.440	ug/l	100
48) Methyl methacrylate	9.19	41	300333	56.350	ug/l	100
49) 1,4-Dioxane	9.19	88	90226	1244.468	ug/l	100
51) 4-Methyl-2-Pentanone	9.98	43	1969532	320.589	ug/l	100
52) Toluene	10.15	92	667653	51.072	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	437696	59.436	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	465825	57.328	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	256366	53.682	ug/l	100
56) Ethyl methacrylate	10.43	69	418487	57.341	ug/l	100
57) 1,3-Dichloropropane	10.71	76	459783	53.943	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1007906	333.743	ug/l	100
59) 2-Hexanone	10.75	43	1508705	333.517	ug/l	100
60) Dibromochloromethane	10.90	129	285675	61.943	ug/l	100
61) 1,2-Dibromoethane	11.00	107	271703	55.454	ug/l	100
64) Tetrachloroethene	10.63	164	235650	52.891	ug/l	100
65) Chlorobenzene	11.43	112	696923	50.576	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	260881	55.615	ug/l	100
67) Ethyl Benzene	11.51	91	1311373	52.458	ug/l	100
68) m/p-Xylenes	11.62	106	976360	103.799	ug/l	100
69) o-Xylene	11.95	106	461795	51.145	ug/l	100
70) Styrene	11.97	104	779573	53.142	ug/l	100
71) Bromoform	12.13	173	197061	65.685	ug/l	100
73) Isopropylbenzene	12.25	105	1272167	49.843	ug/l	100
74) N-amyl acetate	12.07	43	578410	55.858	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	403590	52.509	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	360430m	55.776	ug/l	
77) Bromobenzene	12.53	156	296100	49.317	ug/l	100
78) n-propylbenzene	12.60	91	1519689	52.629	ug/l	100
79) 2-Chlorotoluene	12.68	91	885362	49.721	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	1101792	51.413	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	142607	64.383	ug/l	100
82) 4-Chlorotoluene	12.78	91	929170	51.006	ug/l	100
83) tert-Butylbenzene	13.00	119	917519	50.735	ug/l	100
84) 1,2,4-Trimethylbenzene	13.05	105	1103474	51.397	ug/l	100
85) sec-Butylbenzene	13.18	105	1257951	52.674	ug/l	100
86) p-Isopropyltoluene	13.29	119	1149954	54.458	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	552201	50.536	ug/l	100
88) 1,4-Dichlorobenzene	13.37	146	546458	50.352	ug/l	100
89) n-Butylbenzene	13.62	91	1050057	54.567	ug/l	100
90) Hexachloroethane	13.88	117	198070	61.042	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	539564	51.308	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.28	75	87671	62.649	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	336805	57.427	ug/l	100
94) Hexachlorobutadiene	15.02	225	170850	55.924	ug/l	100
95) Naphthalene	15.13	128	991417	63.835	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	322252	60.057	ug/l	100

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

