

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091718\
 Data File : VN051267.D
 Acq On : 17 Sep 2018 11:35
 Operator : MD\SY
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/19/2018 4:57:50 PM

Quant Time: Sep 18 05:41:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 18 05:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	585138	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	798208	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	717687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	370692	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	313325	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
35) Dibromofluoromethane	7.59	113	310968	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
50) Toluene-d8	10.09	98	1175890	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
62) 4-Bromofluorobenzene	12.40	95	379286	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	295167	51.40	ug/l	100
3) Chloromethane	2.06	50	375543	46.47	ug/l	100
4) Vinyl Chloride	2.18	62	382383	49.06	ug/l	100
5) Bromomethane	2.56	94	223513	42.84	ug/l	100
6) Chloroethane	2.70	64	228186	47.55	ug/l	100
7) Trichlorofluoromethane	3.01	101	523931	50.44	ug/l	100
8) Diethyl Ether	3.41	74	178133	47.49	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	325866	48.94	ug/l	100
10) Methyl Iodide	3.95	142	316688	54.74	ug/l	100
11) Tert butyl alcohol	4.79	59	92618	191.78	ug/l	100
12) 1,1-Dichloroethene	3.74	96	300260	48.07	ug/l	100
13) Acrolein	3.61	56	138433	244.56	ug/l	100
14) Allyl chloride	4.32	41	461087	48.66	ug/l	100
15) Acrylonitrile	4.99	53	502205	230.41	ug/l	100
16) Acetone	3.82	43	373229	207.71	ug/l	100
17) Carbon Disulfide	4.05	76	931125	45.13	ug/l	100
18) Methyl Acetate	4.33	43	224280	43.33	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	775973	47.54	ug/l	100
20) Methylene Chloride	4.55	84	343244	47.58	ug/l	100
21) trans-1,2-Dichloroethene	5.04	96	327185	48.19	ug/l	100
22) Diisopropyl ether	5.95	45	939123	50.00	ug/l	100
23) Vinyl Acetate	5.90	43	3104637	245.40	ug/l	100
24) 1,1-Dichloroethane	5.85	63	589218	49.13	ug/l	100
25) 2-Butanone	6.84	43	523481	208.91	ug/l	100
26) 2,2-Dichloropropane	6.83	77	475433	48.45	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	358812	48.37	ug/l	100
28) Bromochloromethane	7.20	49	243386	46.31	ug/l	100
29) Tetrahydrofuran	7.21	42	346522	221.16	ug/l	100
30) Chloroform	7.37	83	585062	49.05	ug/l	100
31) Cyclohexane	7.66	56	525393	43.44	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	512301	50.18	ug/l	100
36) 1,1-Dichloropropene	7.79	75	457257	51.72	ug/l	100
37) Ethyl Acetate	6.93	43	236674	47.18	ug/l	100
38) Carbon Tetrachloride	7.78	117	468895	53.40	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	515082	52.91	ug/l	100
40) Benzene	8.04	78	1365849	51.36	ug/l	100
41) Methacrylonitrile	7.18	41	132384	50.05	ug/l	100
42) 1,2-Dichloroethane	8.13	62	394176	50.82	ug/l	100
43) Isopropyl Acetate	8.17	43	413512	46.76	ug/l	100
44) Trichloroethene	8.84	130	372448	51.05	ug/l	100
45) 1,2-Dichloropropane	9.12	63	348808	50.85	ug/l	100
46) Dibromomethane	9.21	93	207857	49.59	ug/l	100
47) Bromodichloromethane	9.40	83	451991	52.79	ug/l	100
48) Methyl methacrylate	9.20	41	208135	48.21	ug/l	100
49) 1,4-Dioxane	9.20	88	59624	885.97	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	1135760	232.54	ug/l	100
52) Toluene	10.16	92	848949	52.38	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	442454	52.06	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	523992	52.43	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	294576	50.22	ug/l	100
56) Ethyl methacrylate	10.43	69	351953	50.71	ug/l	100
57) 1,3-Dichloropropane	10.71	76	489262	50.38	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	809696	280.90	ug/l	100
59) 2-Hexanone	10.75	43	738072	223.87	ug/l	100
60) Dibromochloromethane	10.90	129	353745	53.01	ug/l	100
61) 1,2-Dibromoethane	11.00	107	294314	51.20	ug/l	100
64) Tetrachloroethene	10.63	164	346143	51.99	ug/l	100
65) Chlorobenzene	11.43	112	928137	50.92	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	351043	53.15	ug/l	100
67) Ethyl Benzene	11.51	91	1569987	53.22	ug/l	100
68) m/p-Xylenes	11.62	106	1242460	109.46	ug/l	100
69) o-Xylene	11.95	106	598468	54.43	ug/l	100
70) Styrene	11.96	104	954582	56.06	ug/l	100
71) Bromoform	12.13	173	242618	52.50	ug/l #	100
73) Isopropylbenzene	12.25	105	1548353	49.62	ug/l	100
74) N-amyl acetate	12.07	43	329854	43.07	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	350115	42.45	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	277819m	41.91	ug/l	
77) Bromobenzene	12.53	156	403033	47.96	ug/l	100
78) n-propylbenzene	12.59	91	1733140	50.52	ug/l	100
79) 2-Chlorotoluene	12.67	91	1039504	48.48	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1288354	50.99	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	87907	45.68	ug/l	100
82) 4-Chlorotoluene	12.77	91	1030474	48.51	ug/l	100
83) tert-Butylbenzene	12.99	119	1107225	49.69	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1292323	52.06	ug/l	100
85) sec-Butylbenzene	13.17	105	1446363	50.57	ug/l	100
86) p-Isopropyltoluene	13.29	119	1275629	52.66	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	684025	48.11	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	663096	47.37	ug/l	100
89) n-Butylbenzene	13.62	91	967274	51.61	ug/l	100
90) Hexachloroethane	13.88	117	233802	46.93	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	660615	47.76	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	46678	39.12	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	280693	47.99	ug/l	100
94) Hexachlorobutadiene	15.01	225	220445	45.00	ug/l	100
95) Naphthalene	15.13	128	498688	40.74	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	279532	45.94	ug/l	100

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

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