

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN103018\
 Data File : VN052058.D
 Acq On : 30 Oct 2018 10:45
 Operator : MD\SY
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 11/1/2018 11:47:56 AM

Quant Time: Oct 31 02:39:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N103018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 02:21:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	253349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	488469	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	453577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	199636	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	199402	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
35) Dibromofluoromethane	7.59	113	146390	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
50) Toluene-d8	10.09	98	595425	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
62) 4-Bromofluorobenzene	12.40	95	220945	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	160421	54.891	ug/l	100
3) Chloromethane	2.06	50	195411	53.280	ug/l	100
4) Vinyl Chloride	2.19	62	212852	52.470	ug/l	100
5) Bromomethane	2.56	94	148141	45.267	ug/l	100
6) Chloroethane	2.71	64	133881	50.902	ug/l	100
7) Trichlorofluoromethane	3.02	101	240777	52.625	ug/l	100
8) Diethyl Ether	3.41	74	86738	50.945	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	141581	54.288	ug/l	100
10) Methyl Iodide	3.96	142	187051	50.000	ug/l	100
11) Tert butyl alcohol	4.77	59	45857m	253.482	ug/l	
12) 1,1-Dichloroethene	3.74	96	134849	54.369	ug/l	100
13) Acrolein	3.61	56	48511	250.000	ug/l	100
14) Allyl chloride	4.33	41	275741	54.509	ug/l	100
15) Acrylonitrile	4.99	53	290582	269.349	ug/l	100
16) Acetone	3.82	43	206427	232.185	ug/l	100
17) Carbon Disulfide	4.06	76	419155	51.920	ug/l	100
18) Methyl Acetate	4.33	43	125465	45.422	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	435702	52.535	ug/l	100
20) Methylene Chloride	4.55	84	166962	54.598	ug/l	100
21) trans-1,2-Dichloroethene	5.05	96	155381	55.209	ug/l	100
22) Diisopropyl ether	5.95	45	585166	51.826	ug/l	100
23) Vinyl Acetate	5.90	43	2080419	278.562	ug/l	100
24) 1,1-Dichloroethane	5.85	63	322391	51.857	ug/l	100
25) 2-Butanone	6.83	43	341341	271.874	ug/l	100
26) 2,2-Dichloropropane	6.83	77	262754	51.775	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	185189	53.088	ug/l	100
28) Bromochloromethane	7.20	49	151217	44.421	ug/l	100
29) Tetrahydrofuran	7.21	42	230751	257.603	ug/l	100
30) Chloroform	7.37	83	324903	51.206	ug/l	100
31) Cyclohexane	7.65	56	308878	31.310	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	266234	55.209	ug/l	100
36) 1,1-Dichloropropene	7.79	75	248317	51.194	ug/l	100
37) Ethyl Acetate	6.93	43	150868	52.173	ug/l	100
38) Carbon Tetrachloride	7.78	117	220805	54.823	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	307175	53.058	ug/l	100
40) Benzene	8.04	78	730521	53.250	ug/l	100
41) Methacrylonitrile	7.18	41	91520	82.463	ug/l	100
42) 1,2-Dichloroethane	8.13	62	255283	46.878	ug/l	100
43) Isopropyl Acetate	8.16	43	299151	53.439	ug/l	100
44) Trichloroethene	8.84	130	163781	54.227	ug/l	100
45) 1,2-Dichloropropane	9.12	63	200446	48.282	ug/l	100
46) Dibromomethane	9.21	93	118476	55.926	ug/l	100
47) Bromodichloromethane	9.40	83	250295	56.594	ug/l	100
48) Methyl methacrylate	9.20	41	151483	53.538	ug/l	100
49) 1,4-Dioxane	9.20	88	23865	1699.099	ug/l	100
51) 4-Methyl-2-Pentanone	9.98	43	819382	270.005	ug/l	100
52) Toluene	10.16	92	446412	54.194	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	261550	55.233	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	295205	57.498	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	158329	53.728	ug/l	100
56) Ethyl methacrylate	10.43	69	227296	52.717	ug/l	100
57) 1,3-Dichloropropane	10.71	76	287114	52.959	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	604067	273.470	ug/l	100
59) 2-Hexanone	10.75	43	573675	263.217	ug/l	100
60) Dibromochloromethane	10.90	129	161724	57.723	ug/l	100
61) 1,2-Dibromoethane	11.00	107	158686	54.255	ug/l	100
64) Tetrachloroethene	10.63	164	135643	52.029	ug/l	100
65) Chlorobenzene	11.43	112	484115	52.052	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	159902	56.362	ug/l	100
67) Ethyl Benzene	11.51	91	890483	54.658	ug/l	100
68) m/p-Xylenes	11.62	106	656490	116.100	ug/l	100
69) o-Xylene	11.95	106	325223	58.963	ug/l	100
70) Styrene	11.96	104	530576	58.341	ug/l	100
71) Bromoform	12.13	173	91987	60.920	ug/l #	100
73) Isopropylbenzene	12.25	105	859466	54.638	ug/l	100
74) N-amyl acetate	12.07	43	283034	47.347	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	197506	49.813	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	186324m	55.122	ug/l	
77) Bromobenzene	12.53	156	179048	52.501	ug/l	100
78) n-propylbenzene	12.59	91	1041783	52.691	ug/l	100
79) 2-Chlorotoluene	12.67	91	605460	54.530	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	705972	54.008	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	57228	55.246	ug/l	100
82) 4-Chlorotoluene	12.77	91	627285	55.831	ug/l	100
83) tert-Butylbenzene	12.99	119	594064	53.406	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	715743	56.010	ug/l	100
85) sec-Butylbenzene	13.17	105	853784	54.262	ug/l	100
86) p-Isopropyltoluene	13.29	119	707814	55.463	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	326411	52.359	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	326058	51.387	ug/l	100
89) n-Butylbenzene	13.61	91	663127	53.782	ug/l	100
90) Hexachloroethane	13.87	117	119987	53.935	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	313621	54.882	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	28795	79.434	ug/l	100

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93) 1,2,4-Trichlorobenzene	14.91	180	116575	56.504	ug/l	100
94) Hexachlorobutadiene	15.01	225	60780	50.302	ug/l	100
95) Naphthalene	15.13	128	302427	55.299	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	100387	53.584	ug/l	100

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

