

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110918\
 Data File : VN052227.D
 Acq On : 9 Nov 2018 14:59
 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
 11/12/2018 9:18:41 AM

Quant Time: Nov 12 00:06:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
 Quant Title : SW846 8260
 QLast Update : Sun Nov 11 23:43:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	278251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	473157	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	418980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	192833	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	184978	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
35) Dibromofluoromethane	7.59	113	150952	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
50) Toluene-d8	10.09	98	588948	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
62) 4-Bromofluorobenzene	12.40	95	191770	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	148893	49.220	ug/l	100
3) Chloromethane	2.06	50	203085	48.086	ug/l	100
4) Vinyl Chloride	2.19	62	171159	48.641	ug/l	100
5) Bromomethane	2.57	94	103757	46.474	ug/l	100
6) Chloroethane	2.71	64	95551	45.727	ug/l	100
7) Trichlorofluoromethane	3.02	101	231101	47.179	ug/l	100
8) Diethyl Ether	3.41	74	90373	46.898	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	144990	45.961	ug/l	100
10) Methyl Iodide	3.96	142	202457	49.651	ug/l	100
11) Tert butyl alcohol	4.78	59	53582	281.949	ug/l	100
12) 1,1-Dichloroethene	3.74	96	137392	47.230	ug/l	100
13) Acrolein	3.61	56	66141	251.684	ug/l	100
14) Allyl chloride	4.33	41	290370	47.677	ug/l	100
15) Acrylonitrile	4.99	53	305689	254.979	ug/l	100
16) Acetone	3.81	43	248421	212.792	ug/l	100
17) Carbon Disulfide	4.06	76	404263	47.907	ug/l	100
18) Methyl Acetate	4.33	43	152269	50.759	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	404834	48.711	ug/l	100
20) Methylene Chloride	4.56	84	163330	50.682	ug/l	100
21) trans-1,2-Dichloroethene	5.04	96	150188	47.505	ug/l	100
22) Diisopropyl ether	5.95	45	589119	48.017	ug/l	100
23) Vinyl Acetate	5.90	43	2118643	252.897	ug/l	100
24) 1,1-Dichloroethane	5.85	63	302498	46.910	ug/l	100
25) 2-Butanone	6.84	43	390119	240.321	ug/l	100
26) 2,2-Dichloropropane	6.83	77	221590	47.048	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	171929	48.582	ug/l	100
28) Bromochloromethane	7.20	49	157304	49.367	ug/l	100
29) Tetrahydrofuran	7.21	42	258577	247.831	ug/l	100
30) Chloroform	7.37	83	289771	47.481	ug/l	100
31) Cyclohexane	7.66	56	290456	38.807	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	240075	48.262	ug/l	100
36) 1,1-Dichloropropene	7.79	75	230519	48.268	ug/l	100
37) Ethyl Acetate	6.93	43	172960	49.084	ug/l	100
38) Carbon Tetrachloride	7.78	117	211667	48.907	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	269076	49.396	ug/l	100
40) Benzene	8.04	78	662698	48.465	ug/l	100
41) Methacrylonitrile	7.18	41	96442	51.882	ug/l	100
42) 1,2-Dichloroethane	8.13	62	224586	46.813	ug/l	100
43) Isopropyl Acetate	8.16	43	309203	49.385	ug/l	100
44) Trichloroethene	8.84	130	164833	48.106	ug/l	100
45) 1,2-Dichloropropane	9.12	63	185059	48.445	ug/l	100
46) Dibromomethane	9.21	93	106048	48.331	ug/l	100
47) Bromodichloromethane	9.40	83	218820	48.133	ug/l	100
48) Methyl methacrylate	9.20	41	160992	48.801	ug/l	100
49) 1,4-Dioxane	9.20	88	29972	1130.184	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	864151	249.921	ug/l	100
52) Toluene	10.16	92	401350	48.658	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	227911	50.803	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	263919	49.835	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	143905	48.269	ug/l	100
56) Ethyl methacrylate	10.43	69	201486	50.005	ug/l	100
57) 1,3-Dichloropropane	10.71	76	255644	47.901	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	579222	259.615	ug/l	100
59) 2-Hexanone	10.75	43	600588	247.430	ug/l	100
60) Dibromochloromethane	10.90	129	154965	51.244	ug/l	100
61) 1,2-Dibromoethane	11.01	107	143190	48.870	ug/l	100
64) Tetrachloroethene	10.63	164	142301	48.510	ug/l	100
65) Chlorobenzene	11.43	112	427584	48.163	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	149902	49.847	ug/l	100
67) Ethyl Benzene	11.51	91	769828	49.299	ug/l	100
68) m/p-Xylenes	11.62	106	574058	98.713	ug/l	100
69) o-Xylene	11.95	106	281599	50.684	ug/l	100
70) Styrene	11.96	104	458442	51.072	ug/l	100
71) Bromoform	12.13	173	93993	52.392	ug/l #	100
73) Isopropylbenzene	12.25	105	750588	47.616	ug/l	100
74) N-amyl acetate	12.07	43	287215	50.188	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	179352	46.411	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	163954m	52.997	ug/l	
77) Bromobenzene	12.53	156	174114	47.187	ug/l	100
78) n-propylbenzene	12.59	91	886792	48.033	ug/l	100
79) 2-Chlorotoluene	12.67	91	505440	47.257	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	605576	48.306	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	52558	52.585	ug/l	100
82) 4-Chlorotoluene	12.77	91	512912	47.794	ug/l	100
83) tert-Butylbenzene	12.99	119	522096	47.703	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	613841	48.564	ug/l	100
85) sec-Butylbenzene	13.17	105	736361	49.061	ug/l	100
86) p-Isopropyltoluene	13.29	119	619313	49.323	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	315553	49.126	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	308025	47.900	ug/l	100
89) n-Butylbenzene	13.61	91	564814	50.517	ug/l	100
90) Hexachloroethane	13.87	117	105957	48.077	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	301527	48.100	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	28277	51.469	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	136147	54.924	ug/l	100
94) Hexachlorobutadiene	15.01	225	65039	48.285	ug/l	100
95) Naphthalene	15.13	128	341080	55.829	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	122642	52.330	ug/l	100

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

