

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051421\
 Data File : VN067088.D
 Acq On : 14 May 2021 20:52
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN051421

Manual Integrations
 APPROVED

MMDadoda
 5/17/2021 4:26:23 PM

Quant Time: May 17 16:07:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051421W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 17 16:06:46 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.600	168	559717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.525	114	832045	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.357	117	730931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.299	152	362518	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.959	65	296597	49.05	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.10%		
35) Dibromofluoromethane	7.519	113	276389	50.59	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.18%		
50) Toluene-d8	10.038	98	1026987	49.60	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.20%		
62) 4-Bromofluorobenzene	12.355	95	362880	52.32	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	104.64%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.852	85	250513	49.18	ug/l	98
3) Chloromethane	2.053	50	288148	46.63	ug/l	100
4) Vinyl Chloride	2.182	62	302839	48.98	ug/l	100
5) Bromomethane	2.528	94	209011	48.78	ug/l	98
6) Chloroethane	2.676	64	179458	48.74	ug/l	97
7) Trichlorofluoromethane	2.987	101	402586	50.34	ug/l	96
8) Diethyl Ether	3.373	74	168320	49.49	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.713	101	254919	49.86	ug/l	99
10) Methyl Iodide	3.904	142	417788	49.57	ug/l	100
11) Tert butyl alcohol	4.714	59	244063	242.14	ug/l #	83
12) 1,1-Dichloroethene	3.692	96	254782	48.41	ug/l	98
13) Acrolein	3.563	56	74621	240.14	ug/l	96
14) Allyl chloride	4.261	41	395866	48.80	ug/l	99
15) Acrylonitrile	4.904	53	573829	254.72	ug/l	99
16) Acetone	3.767	43	468000	249.03	ug/l	100
17) Carbon Disulfide	4.000	76	677768	48.06	ug/l	99
18) Methyl Acetate	4.263	43	283882	50.80	ug/l	100
19) Methyl tert-butyl Ether	4.966	73	797816	50.10	ug/l	100
20) Methylene Chloride	4.486	84	294989	47.97	ug/l	99
21) trans-1,2-Dichloroethene	4.969	96	273313	48.62	ug/l	99
22) Diisopropyl ether	5.872	45	740593	49.43	ug/l	99
23) Vinyl Acetate	5.813	43	3365686	257.35	ug/l	100
24) 1,1-Dichloroethane	5.768	63	498994	49.22	ug/l	99
25) 2-Butanone	6.752	43	774138	264.16	ug/l	100
26) 2,2-Dichloropropane	6.741	77	428263	45.94	ug/l	100
27) cis-1,2-Dichloroethene	6.749	96	328820	48.98	ug/l	98
28) Bromochloromethane	7.120	49	204645	48.65	ug/l	95
29) Tetrahydrofuran	7.136	42	471377	259.03	ug/l	100
30) Chloroform	7.297	83	516897	49.79	ug/l	98
31) Cyclohexane	7.584	56	383784	46.07	ug/l	99
32) 1,1,1-Trichloroethane	7.500	97	462496	49.48	ug/l	100
36) 1,1-Dichloropropene	7.726	75	379160	49.95	ug/l	99
37) Ethyl Acetate	6.849	43	343974	51.31	ug/l	98
38) Carbon Tetrachloride	7.704	117	409680	50.70	ug/l	98
39) Methylcyclohexane	9.024	83	437738	49.26	ug/l	98
40) Benzene	7.975	78	1175151	50.97	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.095	41	163382	60.38	ug/l	92
42) 1,2-Dichloroethane	8.056	62	381609	51.47	ug/l	99
43) Isopropyl Acetate	8.098	43	586078	52.68	ug/l	99
44) Trichloroethene	8.777	130	337824	51.54	ug/l	98
45) 1,2-Dichloropropane	9.059	63	300193	49.80	ug/l	95
46) Dibromomethane	9.150	93	205061	50.97	ug/l	99
47) Bromodichloromethane	9.346	83	423924	50.85	ug/l	98
48) Methyl methacrylate	9.142	41	258686	48.44	ug/l	98
49) 1,4-Dioxane	9.144	88	84337	1065.20	ug/l	99
51) 4-Methyl-2-Pentanone	9.928	43	1665433	249.03	ug/l	99
52) Toluene	10.102	92	760869	51.09	ug/l	100
53) t-1,3-Dichloropropene	10.330	75	467099	52.55	ug/l	99
54) cis-1,3-Dichloropropene	9.783	75	511569	51.21	ug/l	98
55) 1,1,2-Trichloroethane	10.510	97	301781	51.01	ug/l	99
56) Ethyl methacrylate	10.378	69	442474	48.67	ug/l	99
57) 1,3-Dichloropropane	10.654	76	495763	52.42	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.641	63	320959	227.73	ug/l	99
59) 2-Hexanone	10.700	43	1064791	246.98	ug/l	99
60) Dibromochloromethane	10.850	129	366543	52.61	ug/l	100
61) 1,2-Dibromoethane	10.955	107	317590	52.33	ug/l	100
64) Tetrachloroethene	10.579	164	323322	50.41	ug/l	97
65) Chlorobenzene	11.384	112	837073	51.35	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.459	131	334019	51.69	ug/l	100
67) Ethyl Benzene	11.462	91	1430114	52.09	ug/l	100
68) m/p-Xylenes	11.574	106	1129871	106.51	ug/l	99
69) o-Xylene	11.899	106	557202	52.18	ug/l	99
70) Styrene	11.918	104	896149	53.91	ug/l	100
71) Bromoform	12.081	173	278873	49.81	ug/l #	100
73) Isopropylbenzene	12.202	105	1445084	47.73	ug/l	99
74) N-amyl acetate	12.030	43	285814	56.70	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.457	83	434311	47.33	ug/l	100
76) 1,2,3-Trichloropropane	12.508	75	389442m	50.91	ug/l	
77) Bromobenzene	12.478	156	376130	49.95	ug/l	99
78) n-propylbenzene	12.545	91	1545083	50.44	ug/l	100
79) 2-Chlorotoluene	12.626	91	938583	46.30	ug/l	99
80) 1,3,5-Trimethylbenzene	12.687	105	1210616	47.92	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.256	75	112376	45.55	ug/l	98
82) 4-Chlorotoluene	12.728	91	930028	48.01	ug/l	99
83) tert-Butylbenzene	12.948	119	1070668	44.89	ug/l	100
84) 1,2,4-Trimethylbenzene	12.993	105	1135277	48.74	ug/l	99
85) sec-Butylbenzene	13.127	105	1420596	49.87	ug/l	99
86) p-Isopropyltoluene	13.245	119	1230348	49.77	ug/l	99
87) 1,3-Dichlorobenzene	13.237	146	635881	52.00	ug/l	100
88) 1,4-Dichlorobenzene	13.320	146	640325	50.28	ug/l	100
89) n-Butylbenzene	13.572	91	899284	47.97	ug/l	99
90) Hexachloroethane	13.827	117	221412	48.93	ug/l	98
91) 1,2-Dichlorobenzene	13.610	146	619823	48.88	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.229	75	69188	51.13	ug/l	98
93) 1,2,4-Trichlorobenzene	14.868	180	337729	52.53	ug/l	98
94) Hexachlorobutadiene	14.964	225	219727	49.62	ug/l	100
95) Naphthalene	15.088	128	734627	47.84	ug/l	100
96) 1,2,3-Trichlorobenzene	15.267	180	313566	52.87	ug/l	99

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

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