Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021518\
Data File : BN000105.D
Acq On : 15 Feb 2018 19:51
Operator : JU/SJ
Sample : J1161-08
Misc : 20 PPM LOO
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : LOQ-WATER-02-QT1-2018

Quant Time: Feb 16 06:52:39 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 18:24:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	334954	20.00	ng		0.00
21) Naphthalene-d8	11.30	136	1709216	20.00	ng		-0.01
38) Acenaphthene-d10	15.07	164	1024481	20.00	ng		-0.01
63) Phenanthrene-d10	17.79	188	2255310	20.00	ng		0.00
75) Chrysene-d12	21.90	240	2486473	20.00	ng		-0.02
86) Perylene-d12	24.39	264	2651613	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.93	112	2986347	145.31	ng		-0.01
7) Phenol-d6	7.58	99	4489080	144.20	ng		-0.01
23) Nitrobenzene-d5	9.64	82	3316173	115.35	ng		-0.01
41) 2,4,6-Tribromophenol	16.54	330	1536051	151.47	ng		-0.01
44) 2-Fluorobiphenyl	13.70	172	7960421	109.51	ng		-0.01
78) Terphenyl-d14	20.35	244	9985796	108.44	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	159440	19.279	ng		93
3) Pyridine	4.10	79	492127	19.117	ng		99
4) n-Nitrosodimethylamine	4.00	42	135603	18.627	ng	#	97
6) Aniline	7.76	93	825549	19.248	ng		91
8) 2-Chlorophenol	8.01	128	453666	18.876	ng		87
9) Benzaldehyde	7.58	77	236242	12.198	ng		84
10) Phenol	7.61	94	628179	19.115	ng		85
11) bis(2-Chloroethyl)ether	7.86	93	504685	18.673	ng	#	82
12) 1,3-Dichlorobenzene	8.35	146	506763	18.556	ng		100
13) 1,4-Dichlorobenzene	8.50	146	519995	18.646	ng		99
14) 1,2-Dichlorobenzene	8.82	146	510537	18.597	ng		94
15) Benzyl Alcohol	8.69	79	401406	17.939	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.99	45	531783	18.589	ng		79
17) 2-Methylphenol	8.89	107	434615	18.610	ng		94
18) Hexachloroethane	9.57	117	178110	18.346	ng	#	80
19) n-Nitroso-di-n-propylamine	9.26	70	374270	17.941	ng	#	84
20) 3+4-Methylphenols	9.22	107	612678	18.758	ng		94
22) Acetophenone	9.29	105	895466	18.696	ng	#	86
24) Nitrobenzene	9.68	77	614037	19.538	ng	#	92
25) Isophorone	10.20	82	1065301	17.927	ng		96
26) 2-Nitrophenol	10.40	139	189039	19.671	ng		90
27) 2,4-Dimethylphenol	10.44	122	455195	17.669	ng		94
28) bis(2-Chloroethoxy)methane	10.68	93	700005	18.367	ng		96
29) 2,4-Dichlorophenol	10.93	162	409932	17.193	ng		96
30) 1,2,4-Trichlorobenzene	11.16	180	507777	18.494	ng		97
31) Naphthalene	11.35	128	1769352	18.882	ng		97
32) Benzoic acid	10.51	122	208112	19.032	ng		86
33) 4-Chloroaniline	11.45	127	774771	18.822	ng		94
34) Hexachlorobutadiene	11.63	225	260287	18.282	ng		99
35) Caprolactam	12.18	113	158214	17.929	ng		94
36) 4-Chloro-3-methylphenol	12.53	107	528116	17.447	ng		98
37) 2-Methylnaphthalene	12.93	142	1221770	18.739	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.29	216	561188	18.558	ng	#	97
40) Hexachlorocyclopentadiene	13.26	237	213335	16.924	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	311462	17.185	ng		100
43) 2,4,5-Trichlorophenol	13.58	196	375966	17.256	ng	#	92
45) 1,1'-Biphenyl	13.91	154	1717886	19.039	ng		98
46) 2-Chloronaphthalene	13.96	162	1283578	18.959	ng		98
47) 2-Nitroaniline	14.15	65	308449	18.833	ng	#	84
48) Acenaphthylene	14.80	152	2079050	19.061	ng		98
49) Dimethylphthalate	14.51	163	1625537	18.981	ng		99
50) 2,6-Dinitrotoluene	14.63	165	313395	17.726	ng		94
51) Acenaphthene	15.13	154	1335648	18.812	ng		98
52) 3-Nitroaniline	14.96	138	384291	17.882	ng	#	90
53) 2,4-Dinitrophenol	15.16	184	75621	19.896	ng	#	10
54) Dibenzofuran	15.46	168	1925139	19.145	ng		96
55) 4-Nitrophenol	15.23	139	270174	19.363	ng	#	84
56) 2,4-Dinitrotoluene	15.40	165	407658	18.886	ng		96
57) Fluorene	16.10	166	1601154	19.501	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.67	232	303916m	17.675	ng		
59) Diethylphthalate	15.85	149	1660266	19.077	ng		97
60) 4-Chlorophenyl-phenylether	16.09	204	718981	19.216	ng		91
61) 4-Nitroaniline	16.10	138	400391	18.132	ng		94
62) Azobenzene	16.38	77	1670893	19.287	ng		90
64) 4,6-Dinitro-2-methylphenol	16.16	198	144836	19.810	ng		89
65) n-Nitrosodiphenylamine	16.30	169	1389726	18.937	ng		97
66) 4-Bromophenyl-phenylether	16.97	248	393259	18.336	ng	#	83
67) Hexachlorobenzene	17.10	284	466346	18.619	ng	#	90
68) Atrazine	17.22	200	392026	16.414	ng		95
69) Pentachlorophenol	17.43	266	250170	19.280	ng		99
70) Phenanthrene	17.83	178	2559228	19.211	ng		99
71) Anthracene	17.92	178	2485930	19.272	ng		98
72) Carbazole	18.18	167	2511678	19.328	ng		97
73) Di-n-butylphthalate	18.71	149	2646586	18.448	ng		98
74) Fluoranthene	19.80	202	2761409	19.758	ng		94
76) Benzidine	19.97	184	790253	9.970	ng	#	94
77) Pyrene	20.16	202	3038100	19.225	ng		100
79) Butylbenzylphthalate	21.02	149	1133420	18.801	ng	#	97
80) Benzo(a)anthracene	21.89	228	2966462	19.410	ng		98
81) 3,3'-Dichlorobenzidine	21.81	252	968567	17.255	ng	#	98
82) Chrysene	21.95	228	2952144	19.384	ng		98
83) Bis(2-ethylhexyl)phthalate	21.78	149	1827872	18.339	ng	#	92
84) Di-n-octyl phthalate	22.74	149	2776334	18.401	ng	#	94
85) Indeno(1,2,3-cd)pyrene	26.94	276	3577381	19.121	ng	#	87
87) Benzo(b)fluoranthene	23.63	252	3035268	19.556	ng	#	96
88) Benzo(k)fluoranthene	23.68	252	2996014	19.166	ng	#	96
89) Benzo(a)pyrene	24.28	252	2857971	19.202	ng	#	93
90) Dibenzo(a,h)anthracene	26.96	278	3008881	19.331	ng	#	91
91) Benzo(g,h,i)perylene	27.73	276	2992907	19.016	ng	#	89

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

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