Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020718\
Data File : BN000033.D
Acq On : 07 Feb 2018 12:05
Operator : JU/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC010

Quant Time: Feb 07 14:12:15 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 14:04:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	305912	20.00	ng		0.00
21) Naphthalene-d8	11.31	136	1536852	20.00	ng		0.00
38) Acenaphthene-d10	15.08	164	941289	20.00	ng		0.00
63) Phenanthrene-d10	17.80	188	2091964	20.00	ng		0.00
75) Chrysene-d12	21.93	240	2340933	20.00	ng		0.00
86) Perylene-d12	24.42	264	2504758	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.95	112	342014	16.48	ng		0.00
7) Phenol-d6	7.59	99	521367	16.54	ng		0.00
23) Nitrobenzene-d5	9.65	82	449281	17.68	ng		0.00
41) 2,4,6-Tribromophenol	16.55	330	148918	15.74	ng		0.00
44) 2-Fluorobiphenyl	13.71	172	1388723	19.76	ng		0.00
78) Terphenyl-d14	20.37	244	1852405	20.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	75875	9.244	ng		95
3) Pyridine	4.12	79	216638	8.703	ng		97
4) n-Nitrosodimethylamine	4.01	42	61608	8.412	ng		99
6) Aniline	7.78	93	361603	8.417	ng		91
8) 2-Chlorophenol	8.02	128	203370	8.860	ng		88
9) Benzaldehyde	7.59	77	178219	11.075	ng		89
10) Phenol	7.62	94	280722	8.714	ng		84
11) bis(2-Chloroethyl)ether	7.87	93	236873	9.217	ng	#	83
12) 1,3-Dichlorobenzene	8.36	146	244347	9.589	ng		99
13) 1,4-Dichlorobenzene	8.51	146	250548	9.574	ng		95
14) 1,2-Dichlorobenzene	8.83	146	244723	9.465	ng		95
15) Benzyl Alcohol	8.70	79	173224	7.485	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.00	45	253775	9.130	ng		80
17) 2-Methylphenol	8.90	107	188636	8.121	ng		94
18) Hexachloroethane	9.58	117	82418	9.184	ng	#	79
19) n-Nitroso-di-n-propylamine	9.28	70	169437	7.978	ng	#	84
20) 3+4-Methylphenols	9.23	107	266489	8.191	ng		94
22) Acetophenone	9.30	105	415023	9.143	ng	#	88
24) Nitrobenzene	9.69	77	253225	9.289	ng	#	95
25) Isophorone	10.21	82	470897	7.822	ng		97
26) 2-Nitrophenol	10.41	139	66626	7.980	ng		91
27) 2,4-Dimethylphenol	10.45	122	202955	8.222	ng		96
28) bis(2-Chloroethoxy)methane	10.69	93	326309	9.397	ng		97
29) 2,4-Dichlorophenol	10.94	162	171777	8.110	ng		95
30) 1,2,4-Trichlorobenzene	11.17	180	240270	9.688	ng		97
31) Naphthalene	11.36	128	840994	9.757	ng		98
32) Benzoic acid	10.50	122	62272	4.872	ng		84
33) 4-Chloroaniline	11.46	127	346100	8.661	ng		94
34) Hexachlorobutadiene	11.64	225	125458	9.929	ng		97
35) Caprolactam	12.18	113	61420	6.524	ng		98
36) 4-Chloro-3-methylphenol	12.54	107	223125	7.748	ng		94
37) 2-Methylnaphthalene	12.94	142	582341	9.561	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.29	216	270486	9.865	ng	#	96
40) Hexachlorocyclopentadiene	13.27	237	88878	9.705	ng		90

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.52	196	124332	7.672 ng		99
43) 2,4,5-Trichlorophenol	13.59	196	161113	8.442 ng	#	92
45) 1,1'-Biphenyl	13.92	154	835125	9.930 ng		97
46) 2-Chloronaphthalene	13.97	162	608938	9.644 ng		96
47) 2-Nitroaniline	14.16	65	112503	7.545 ng		86
48) Acenaphthylene	14.81	152	979772	9.241 ng		97
49) Dimethylphthalate	14.52	163	768808	9.139 ng		99
50) 2,6-Dinitrotoluene	14.64	165	126451	8.424 ng		92
51) Acenaphthene	15.15	154	643141	9.613 ng		98
52) 3-Nitroaniline	14.96	138	157714	8.571 ng	#	91
53) 2,4-Dinitrophenol	15.16	184	26641	7.718 ng		84
54) Dibenzofuran	15.47	168	943622	9.829 ng		96
55) 4-Nitrophenol	15.24	139	96483	7.067 ng		90
56) 2,4-Dinitrotoluene	15.42	165	155308	7.932 ng		96
57) Fluorene	16.12	166	776905	9.610 ng		97
58) 2,3,4,6-Tetrachlorophenol	15.69	232	125365	8.066 ng	#	81
59) Diethylphthalate	15.86	149	772485	8.788 ng		97
60) 4-Chlorophenyl-phenylether	16.10	204	346172	9.689 ng		91
61) 4-Nitroaniline	16.11	138	161531	8.236 ng		98
62) Azobenzene	16.39	77	789160	8.984 ng		91
64) 4,6-Dinitro-2-methylphenol	16.17	198	48996	7.587 ng		86
65) n-Nitrosodiphenylamine	16.31	169	657758	9.622 ng		97
66) 4-Bromophenyl-phenylether	16.99	248	188663	9.638 ng	#	85
67) Hexachlorobenzene	17.11	284	229175	10.162 ng	#	89
68) Atrazine	17.23	200	183892	8.825 ng		94
69) Pentachlorophenol	17.45	266	90501	6.700 ng		97
70) Phenanthrene	17.85	178	1262392	10.029 ng		100
71) Anthracene	17.93	178	1180611	9.468 ng		98
72) Carbazole	18.19	167	1209455	9.375 ng		96
73) Di-n-butylphthalate	18.73	149	1110254	7.749 ng		99
74) Fluoranthene	19.83	202	1310640	9.170 ng		94
76) Benzidine	19.99	184	549902	9.280 ng		94
77) Pyrene	20.18	202	1482268	10.037 ng		99
79) Butylbenzylphthalate	21.05	149	403782	6.859 ng	#	96
80) Benzo(a)anthracene	21.92	228	1448446	9.980 ng		98
81) 3,3'-Dichlorobenzidine	21.83	252	442153	9.091 ng	#	97
82) Chrysene	21.97	228	1473490	10.222 ng		98
83) Bis(2-ethylhexyl)phthalate	21.82	149	697070	7.156 ng	#	92
84) Di-n-octyl phthalate	22.78	149	995107	6.312 ng		97
85) Indeno(1,2,3-cd)pyrene	26.99	276	1715134	9.224 ng	#	86
87) Benzo(b)fluoranthene	23.66	252	1407585	9.451 ng	#	96
88) Benzo(k)fluoranthene	23.71	252	1499916	10.045 ng	#	95
89) Benzo(a)pyrene	24.32	252	1342328	9.278 ng	#	94
90) Dibenzo(a,h)anthracene	27.00	278	1455216	9.610 ng	#	92
91) Benzo(g,h,i)perylene	27.77	276	1424639	9.257 ng	#	89

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

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