Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021518\
Data File : BN000098.D
Acq On : 15 Feb 2018 15:50
Operator : JU/SJ
Sample : SSTDCCC040EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC040EC

Quant Time: Feb 16 06:26:20 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	652348	20.00	ng		0.00
21) Naphthalene-d8	11.30	136	3299700	20.00	ng		0.00
38) Acenaphthene-d10	15.07	164	1940228	20.00	ng		0.00
63) Phenanthrene-d10	17.79	188	4126806	20.00	ng		0.00
75) Chrysene-d12	21.92	240	4281960	20.00	ng		0.00
86) Perylene-d12	24.40	264	4820178	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.93	112	3180409	79.46	ng		-0.01
7) Phenol-d6	7.59	99	4897774	80.78	ng		0.00
23) Nitrobenzene-d5	9.65	82	4518416	81.42	ng		0.00
41) 2,4,6-Tribromophenol	16.55	330	1567108	81.60	ng		0.00
44) 2-Fluorobiphenyl	13.70	172	10012878	72.74	ng		-0.01
78) Terphenyl-d14	20.36	244	11690950	73.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	589336	36.590	ng		94
3) Pyridine	4.10	79	1987475	39.642	ng		97
4) n-Nitrosodimethylamine	4.00	42	558817	39.413	ng	#	89
6) Aniline	7.77	93	3331849	39.888	ng		89
8) 2-Chlorophenol	8.02	128	1866802	39.882	ng		85
9) Benzaldehyde	7.58	77	1299425	34.450	ng		84
10) Phenol	7.62	94	2568671	40.134	ng		84
11) bis(2-Chloroethyl)ether	7.86	93	2047593	38.899	ng	#	81
12) 1,3-Dichlorobenzene	8.35	146	2038038	38.318	ng		99
13) 1,4-Dichlorobenzene	8.50	146	2073913	38.183	ng		97
14) 1,2-Dichlorobenzene	8.83	146	2054050	38.418	ng		95
15) Benzyl Alcohol	8.70	79	1768534	40.582	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.99	45	2088210	37.479	ng		77
17) 2-Methylphenol	8.89	107	1844710	40.559	ng		94
18) Hexachloroethane	9.57	117	758415	40.112	ng	#	81
19) n-Nitroso-di-n-propylamine	9.28	70	1600726	39.399	ng	#	81
20) 3+4-Methylphenols	9.23	107	2615918	41.124	ng		92
22) Acetophenone	9.29	105	3547854	38.370	ng	#	87
24) Nitrobenzene	9.69	77	2403394	39.613	ng	#	91
25) Isophorone	10.20	82	4544160	39.610	ng		96
26) 2-Nitrophenol	10.40	139	958570	39.969	ng	#	89
27) 2,4-Dimethylphenol	10.44	122	1931518	38.835	ng		94
28) bis(2-Chloroethoxy)methane	10.69	93	2823008	38.368	ng		97
29) 2,4-Dichlorophenol	10.93	162	1812767	39.384	ng		97
30) 1,2,4-Trichlorobenzene	11.16	180	2002798	37.784	ng		98
31) Naphthalene	11.36	128	6720280	37.149	ng		98
32) Benzoic acid	10.58	122	1389268	39.899	ng		88
33) 4-Chloroaniline	11.45	127	3107429	39.103	ng		94
34) Hexachlorobutadiene	11.63	225	1043432	37.962	ng		97
35) Caprolactam	12.22	113	761433	38.696	ng		92
36) 4-Chloro-3-methylphenol	12.53	107	2268984	38.828	ng		98
37) 2-Methylnaphthalene	12.93	142	4758580	37.806	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.29	216	2184972	38.153	ng	#	97
40) Hexachlorocyclopentadiene	13.27	237	1005882	42.135	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.52	196	1386779	40.402	ng		98
43) 2,4,5-Trichlorophenol	13.59	196	1613480	39.103	ng		94
45) 1,1'-Biphenyl	13.92	154	6337108	37.085	ng		97
46) 2-Chloronaphthalene	13.96	162	4801249	37.446	ng		97
47) 2-Nitroaniline	14.15	65	1422363	38.856	ng	#	79
48) Acenaphthylene	14.80	152	7871658	38.106	ng		99
49) Dimethylphthalate	14.52	163	6150734	37.922	ng		100
50) 2,6-Dinitrotoluene	14.64	165	1327065	39.635	ng		92
51) Acenaphthene	15.14	154	5053403	37.581	ng		97
52) 3-Nitroaniline	14.97	138	1625324	39.934	ng	#	87
53) 2,4-Dinitrophenol	15.16	184	440999	42.079	ng	#	1
54) Dibenzofuran	15.47	168	6982778	36.668	ng		96
55) 4-Nitrophenol	15.25	139	1217271	39.202	ng	#	80
56) 2,4-Dinitrotoluene	15.42	165	1823194	38.905	ng	#	88
57) Fluorene	16.11	166	5732478	36.866	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.68	232	1248627m	38.343	ng		
59) Diethylphthalate	15.86	149	6342252	38.480	ng		98
60) 4-Chlorophenyl-phenylether	16.09	204	2639339	37.246	ng		94
61) 4-Nitroaniline	16.12	138	1678284	40.132	ng		88
62) Azobenzene	16.39	77	6218564	37.902	ng		91
64) 4,6-Dinitro-2-methylphenol	16.17	198	770691	40.995	ng		88
65) n-Nitrosodiphenylamine	16.30	169	5157687	38.409	ng		98
66) 4-Bromophenyl-phenylether	16.98	248	1524511	38.847	ng	#	88
67) Hexachlorobenzene	17.10	284	1754771	38.289	ng	#	92
68) Atrazine	17.23	200	1661517	38.018	ng		94
69) Pentachlorophenol	17.43	266	1135890	39.203	ng		99
70) Phenanthrene	17.84	178	8935295	36.655	ng		98
71) Anthracene	17.93	178	9023094	38.228	ng		99
72) Carbazole	18.19	167	9016851	37.920	ng	#	97
73) Di-n-butylphthalate	18.72	149	10199576	38.855	ng	#	97
74) Fluoranthene	19.81	202	9764084	38.180	ng		90
76) Benzidine	19.98	184	4967423	36.392	ng	#	95
77) Pyrene	20.17	202	10295841	37.832	ng		95
79) Butylbenzylphthalate	21.03	149	4990394	39.701	ng		97
80) Benzo(a)anthracene	21.90	228	10054567	38.203	ng		98
81) 3,3'-Dichlorobenzidine	21.82	252	3858180	39.911	ng	#	97
82) Chrysene	21.96	228	9667497	36.860	ng		95
83) Bis(2-ethylhexyl)phthalate	21.79	149	7500678	39.685	ng	#	98
84) Di-n-octyl phthalate	22.75	149	11814103	37.991	ng	#	93
85) Indeno(1,2,3-cd)pyrene	26.97	276	13249847	41.125	ng	#	86
87) Benzo(b)fluoranthene	23.64	252	10582048	37.506	ng	#	95
88) Benzo(k)fluoranthene	23.70	252	10793897	37.985	ng	#	93
89) Benzo(a)pyrene	24.30	252	10535740	38.940	ng	#	95
90) Dibenzo(a,h)anthracene	26.99	278	11043054	39.029	ng	#	91
91) Benzo(g,h,i)perylene	27.77	276	11165808	39.026	ng	#	88

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

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