Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\Data\BN020918\
Data File : BN000057.D
Acq On : 09 Feb 2018 14:06
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC040EC

Quant Time: Feb 12 14:20:15 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 18:24:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.469	152	387943	20.00	ng		0.00
21) Naphthalene-d8	11.310	136	1981265	20.00	ng		0.00
38) Acenaphthene-d10	15.075	164	1165960	20.00	ng		0.00
63) Phenanthrene-d10	17.792	188	2487077	20.00	ng		0.00
75) Chrysene-d12	21.916	240	2699362	20.00	ng		0.00
86) Perylene-d12	24.398	264	2916054	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.940	112	1866541	78.41	ng		0.00
7) Phenol-d6	7.587	99	2875564	79.75	ng		0.00
23) Nitrobenzene-d5	9.646	82	2633351	79.02	ng		0.00
41) 2,4,6-Tribromophenol	16.545	330	881878	76.41	ng		0.00
44) 2-Fluorobiphenyl	13.710	172	6404449	77.42	ng		0.00
78) Terphenyl-d14	20.357	244	7826811	78.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.658	88	357900	37.37	ng		95
3) Pyridine	4.099	79	1191441	39.96	ng		99
4) n-Nitrosodimethylamine	4.005	42	325153	38.56	ng	#	89
6) Aniline	7.769	93	1956959	39.40	ng		90
8) 2-Chlorophenol	8.016	128	1097160	39.41	ng		87
9) Benzaldehyde	7.581	77	841100	37.50	ng		86
10) Phenol	7.616	94	1508704	39.64	ng		85
11) bis(2-Chloroethyl)ether	7.869	93	1205859	38.52	ng	#	82
12) 1,3-Dichlorobenzene	8.352	146	1214819	38.41	ng		99
13) 1,4-Dichlorobenzene	8.504	146	1239222	38.37	ng		97
14) 1,2-Dichlorobenzene	8.828	146	1240680	39.02	ng		97
15) Benzyl Alcohol	8.699	79	1003826	38.73	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.999	45	1267934	38.27	ng		78
17) 2-Methylphenol	8.899	107	1076134	39.79	ng		93
18) Hexachloroethane	9.575	117	437704	38.93	ng	#	82
19) n-Nitroso-di-n-propyla...	9.275	70	954621	39.51	ng	#	82
20) 3+4-Methylphenols	9.228	107	1525031	40.31	ng		93
22) Acetophenone	9.299	105	2136973	38.49	ng	#	87
24) Nitrobenzene	9.687	77	1437687	39.46	ng	#	92
25) Isophorone	10.210	82	2678766	38.89	ng		96
26) 2-Nitrophenol	10.404	139	495935	35.43	ng		90
27) 2,4-Dimethylphenol	10.446	122	1138480	38.12	ng		93
28) bis(2-Chloroethoxy)met...	10.687	93	1691276	38.28	ng		97
29) 2,4-Dichlorophenol	10.940	162	1042546	37.72	ng		97
30) 1,2,4-Trichlorobenzene	11.163	180	1201622	37.75	ng		97
31) Naphthalene	11.357	128	4124308	37.97	ng		97
32) Benzoic acid	10.551	122	643984	33.21	ng		88
33) 4-Chloroaniline	11.451	127	1847940	38.73	ng		94
34) Hexachlorobutadiene	11.634	225	624873	37.86	ng		96
35) Caprolactam	12.204	113	429081	36.56	ng		92
36) 4-Chloro-3-methylphenol	12.534	107	1322670	37.70	ng		96
37) 2-Methylnaphthalene	12.934	142	2902142	38.40	ng		96
39) 1,2,4,5-Tetrachloroben...	13.292	216	1312507	38.14	ng	#	96
40) Hexachlorocyclopentadiene	13.269	237	540972	37.71	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.516	196	787982	38.20	ng		98
43) 2,4,5-Trichlorophenol	13.587	196	956614	38.58	ng	#	92
45) 1,1'-Biphenyl	13.922	154	3942860	38.40	ng		98
46) 2-Chloronaphthalene	13.969	162	2948525	38.27	ng		97
47) 2-Nitroaniline	14.157	65	798392	36.62	ng	#	80
48) Acenaphthylene	14.804	152	4894946	39.43	ng		97
49) Dimethylphthalate	14.516	163	3773477	38.72	ng		99
50) 2,6-Dinitrotoluene	14.639	165	766179	38.08	ng		92
51) Acenaphthene	15.139	154	3101428	38.38	ng		98
52) 3-Nitroaniline	14.963	138	938354	38.37	ng	#	90
53) 2,4-Dinitrophenol	15.163	184	216182	36.03	ng	#	10
54) Dibenzofuran	15.469	168	4356343	38.07	ng		96
55) 4-Nitrophenol	15.239	139	691269	37.32	ng	#	83
56) 2,4-Dinitrotoluene	15.416	165	1034123	36.96	ng	#	89
57) Fluorene	16.110	166	3609181	38.62	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.681	232	748121	38.23	ng	#	83
59) Diethylphthalate	15.863	149	3872694	39.10	ng		97
60) 4-Chlorophenyl-phenyle...	16.098	204	1609732	37.80	ng		92
61) 4-Nitroaniline	16.116	138	990934	39.43	ng		89
62) Azobenzene	16.386	77	3875806	39.31	ng		90
64) 4,6-Dinitro-2-methylph...	16.169	198	397998	36.37	ng		88
65) n-Nitrosodiphenylamine	16.304	169	3165269	39.11	ng		97
66) 4-Bromophenyl-phenylether	16.986	248	905889	38.30	ng	#	88
67) Hexachlorobenzene	17.104	284	1047446	37.92	ng	#	90
68) Atrazine	17.233	200	1001743	38.03	ng		96
69) Pentachlorophenol	17.433	266	627766	36.43	ng		99
70) Phenanthrene	17.839	178	5658345	38.52	ng		99
71) Anthracene	17.928	178	5651051	39.73	ng		99
72) Carbazole	18.186	167	5677862	39.62	ng	#	96
73) Di-n-butylphthalate	18.722	149	6393998	40.42	ng		99
74) Fluoranthene	19.816	202	6175659	40.07	ng		94
76) Benzidine	19.980	184	3185142	37.02	ng	#	94
77) Pyrene	20.174	202	6667474	38.86	ng		98
79) Butylbenzylphthalate	21.027	149	2853757	36.51	ng	#	96
80) Benzo(a)anthracene	21.898	228	6413797	38.66	ng		100
81) 3,3'-Dichlorobenzidine	21.816	252	2333323	38.29	ng	#	96
82) Chrysene	21.951	228	6350734	38.41	ng		99
83) Bis(2-ethylhexyl)phtha...	21.792	149	4447454	37.50	ng	#	95
84) Di-n-octyl phthalate	22.751	149	7022817	35.95	ng	#	93
85) Indeno(1,2,3-cd)pyrene	26.968	276	8050258	39.64	ng	#	86
87) Benzo(b)fluoranthene	23.645	252	6754044	39.57	ng	#	96
88) Benzo(k)fluoranthene	23.692	252	6592002	38.35	ng	#	94
89) Benzo(a)pyrene	24.292	252	6429330	39.28	ng	#	95
90) Dibenzo(a,h)anthracene	26.980	278	6765245	39.52	ng	#	92
91) Benzo(g,h,i)perylene	27.756	276	6748165	38.99	ng	#	88

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

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