Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086125.D
Acq On : 7 Apr 2016 11:55
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/8/2016 6:09:21 PM

Quant Time: Apr 08 01:53:47 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	116128	20.00	ng		-0.03
21) Naphthalene-d8	8.03	136	482070	20.00	ng		-0.03
38) Acenaphthene-d10	9.78	164	227361	20.00	ng		-0.03
63) Phenanthrene-d10	11.26	188	424895	20.00	ng		-0.03
75) Chrysene-d12	13.91	240	321225	20.00	ng		-0.02
86) Perylene-d12	15.30	264	251080	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	567621	83.55	ng		-0.05
7) Phenol-d6	6.38	99	698493	80.94	ng		-0.03
23) Nitrobenzene-d5	7.31	82	637442	77.98	ng		-0.03
41) 2,4,6-Tribromophenol	10.57	330	160695	75.30	ng		-0.03
44) 2-Fluorobiphenyl	9.10	172	1102279	80.61	ng		-0.03
78) Terphenyl-d14	12.84	244	1044630	76.44	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	145154	45.07	ng		98
3) Pyridine	2.92	79	375963	52.14	ng		91
4) n-Nitrosodimethylamine	2.89	42	135243	42.65	ng		97
6) Aniline	6.41	93	462622	40.86	ng	#	72
8) 2-Chlorophenol	6.52	128	334017	41.22	ng		94
9) Benzaldehyde	6.28	77	193337	41.64	ng		97
10) Phenol	6.41	94	385895	39.20	ng	#	63
11) bis(2-Chloroethyl)ether	6.48	93	306077	39.27	ng		96
12) 1,3-Dichlorobenzene	6.68	146	355707	41.42	ng		99
13) 1,4-Dichlorobenzene	6.75	146	356024	40.24	ng		99
14) 1,2-Dichlorobenzene	6.91	146	341399	41.93	ng		100
15) Benzyl Alcohol	6.89	79	226798	40.62	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	388848	40.83	ng		87
17) 2-Methylphenol	7.01	107	269751	42.23	ng		96
18) Hexachloroethane	7.24	117	131796	40.50	ng	#	79
19) n-Nitroso-di-n-propylamine	7.16	70	198734	37.15	ng	#	93
20) 3+4-Methylphenols	7.17	107	343479	44.21	ng	#	59
22) Acetophenone	7.16	105	467492	41.25	ng	#	92
24) Nitrobenzene	7.33	77	395554	44.23	ng		92
25) Isophorone	7.57	82	648912	40.21	ng		97
26) 2-Nitrophenol	7.65	139	181990	42.53	ng	#	88
27) 2,4-Dimethylphenol	7.70	122	296188	38.54	ng		93
28) bis(2-Chloroethoxy)methane	7.78	93	356780	37.68	ng		98
29) 2,4-Dichlorophenol	7.89	162	264044	40.64	ng		99
30) 1,2,4-Trichlorobenzene	7.97	180	293866	40.29	ng		94
31) Naphthalene	8.05	128	932738	38.47	ng		98
32) Benzoic acid	7.84	122	154951	27.48	ng		98
33) 4-Chloroaniline	8.11	127	384627	39.27	ng		96
34) Hexachlorobutadiene	8.17	225	153924	39.26	ng		100
35) Caprolactam	8.49	113	82981	40.26	ng		93
36) 4-Chloro-3-methylphenol	8.60	107	309773	42.41	ng		91
37) 2-Methylnaphthalene	8.74	142	593312	37.46	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	279354	40.88	ng		99
40) Hexachlorocyclopentadiene	8.89	237	57214	32.43	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	183648	41.85	ng		99
43) 2,4,5-Trichlorophenol	9.07	196	185045	41.53	ng	#	94
45) 1,1'-Biphenyl	9.21	154	777136	39.64	ng		95
46) 2-Chloronaphthalene	9.23	162	589719	41.50	ng		97
47) 2-Nitroaniline	9.33	65	186793	44.92	ng		98
48) Acenaphthylene	9.64	152	918845	40.36	ng		99
49) Dimethylphthalate	9.52	163	672532	39.91	ng		99
50) 2,6-Dinitrotoluene	9.57	165	130038	36.47	ng		95
51) Acenaphthene	9.81	154	535935	39.59	ng		99
52) 3-Nitroaniline	9.74	138	162639	37.85	ng		97
53) 2,4-Dinitrophenol	9.86	184	59276	35.25	ng		94
54) Dibenzofuran	9.98	168	688111	38.49	ng		100
55) 4-Nitrophenol	9.93	139	98115	38.73	ng		90
56) 2,4-Dinitrotoluene	9.98	165	183677	40.77	ng	#	64
57) Fluorene	10.33	166	619464	40.56	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.11	232	138650	41.80	ng		94
59) Diethylphthalate	10.20	149	597177	35.11	ng		97
60) 4-Chlorophenyl-phenylether	10.32	204	268921	37.80	ng		99
61) 4-Nitroaniline	10.36	138	181313	42.85	ng		93
62) Azobenzene	10.48	77	646245	39.67	ng		98
64) 4,6-Dinitro-2-methylphenol	10.40	198	97914	38.03	ng	#	72
65) n-Nitrosodiphenylamine	10.44	169	524302	39.46	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	179525	41.38	ng		96
67) Hexachlorobenzene	10.88	284	190851	42.54	ng	#	93
68) Atrazine	10.97	200	156143	36.37	ng		96
69) Pentachlorophenol	11.07	266	74839	35.60	ng		96
70) Phenanthrene	11.29	178	926942	39.99	ng		100
71) Anthracene	11.33	178	879654	36.23	ng		100
72) Carbazole	11.49	167	749106	35.89	ng		99
73) Di-n-butylphthalate	11.82	149	998760	38.62	ng		100
74) Fluoranthene	12.48	202	946462	39.26	ng		89
76) Benzidine	12.60	184	445908	39.35	ng		99
77) Pyrene	12.71	202	947382	41.85	ng		100
79) Butylbenzylphthalate	13.32	149	460335	45.16	ng		96
80) Benzo(a)anthracene	13.89	228	770315	40.68	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	603640	43.65	ng	#	97
82) Chrysene	13.93	228	747553	40.99	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	576227	42.60	ng	#	93
84) Di-n-octyl phthalate	14.49	149	907234	42.00	ng		100
85) Indeno(1,2,3-cd)pyrene	16.65	276	547166	36.97	ng		99
87) Benzo(b)fluoranthene	14.91	252	749090m	47.43	ng		
88) Benzo(k)fluoranthene	14.93	252	502715m	35.94	ng		
89) Benzo(a)pyrene	15.24	252	554745	39.64	ng		99
90) Dibenzo(a,h)anthracene	16.65	278	454498	40.37	ng		97
91) Benzo(g,h,i)perylene	17.05	276	446882	41.01	ng		96

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

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