Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
Data File : BF091847.D
Acq On : 21 Dec 2016 21:35
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
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Quant Time: Dec 22 03:22:30 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	296731	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	1184045	20.00	ng		0.00
38) Acenaphthene-d10	9.79	164	607462	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	947030	20.00	ng		0.00
75) Chrysene-d12	13.91	240	706405	20.00	ng		0.00
86) Perylene-d12	15.30	264	612906	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1313196	73.89	ng		0.00
7) Phenol-d6	6.40	99	1666915	76.83	ng		-0.01
23) Nitrobenzene-d5	7.32	82	1638048	76.93	ng		0.00
41) 2,4,6-Tribromophenol	10.58	330	384901	76.56	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	2343876	77.99	ng		0.00
78) Terphenyl-d14	12.85	244	2006913	68.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	424214	48.49	ng		99
3) Pyridine	2.98	79	1196307	39.18	ng		97
4) n-Nitrosodimethylamine	2.94	42	449093	38.99	ng		98
6) Aniline	6.41	93	1071449	38.02	ng	#	80
8) 2-Chlorophenol	6.53	128	755396	37.37	ng		99
9) Benzaldehyde	6.29	77	490695	39.42	ng		98
10) Phenol	6.41	94	885911	35.83	ng	#	78
11) bis(2-Chloroethyl)ether	6.49	93	724011	36.80	ng		98
12) 1,3-Dichlorobenzene	6.69	146	841324	38.99	ng		99
13) 1,4-Dichlorobenzene	6.76	146	797279	36.30	ng		99
14) 1,2-Dichlorobenzene	6.92	146	772185	40.52	ng		100
15) Benzyl Alcohol	6.90	79	605514	35.92	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.04	45	1097479	37.46	ng		99
17) 2-Methylphenol	7.02	107	655291	40.31	ng		96
18) Hexachloroethane	7.26	117	320329	39.34	ng		97
19) n-Nitroso-di-n-propylamine	7.17	70	524918	36.37	ng		99
20) 3+4-Methylphenols	7.17	107	717705	37.01	ng	#	86
22) Acetophenone	7.17	105	1142016	39.10	ng	#	98
24) Nitrobenzene	7.34	77	875206	38.59	ng	#	79
25) Isophorone	7.58	82	1493800	38.02	ng		99
26) 2-Nitrophenol	7.65	139	410871	36.74	ng		98
27) 2,4-Dimethylphenol	7.70	122	682037	36.77	ng		99
28) bis(2-Chloroethoxy)methane	7.79	93	837123	35.14	ng		100
29) 2,4-Dichlorophenol	7.90	162	643183	40.95	ng		94
30) 1,2,4-Trichlorobenzene	7.98	180	678867	39.44	ng		99
31) Naphthalene	8.05	128	2125110	39.22	ng		100
32) Benzoic acid	7.85	122	524689	38.14	ng		99
33) 4-Chloroaniline	8.11	127	862433	35.29	ng		98
34) Hexachlorobutadiene	8.18	225	368626	40.57	ng		100
35) Caprolactam	8.50	113	204214	39.56	ng	#	77
36) 4-Chloro-3-methylphenol	8.60	107	627860	34.74	ng		99
37) 2-Methylnaphthalene	8.75	142	1381577	40.64	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	604118	39.36	ng		99
40) Hexachlorocyclopentadiene	8.90	237	242273	37.66	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	427473	39.83	ng		99
43) 2,4,5-Trichlorophenol	9.07	196	419006	37.93	ng		95
45) 1,1'-Biphenyl	9.22	154	1767325	42.49	ng		99
46) 2-Chloronaphthalene	9.24	162	1318223	40.02	ng		98
47) 2-Nitroaniline	9.33	65	412316	35.16	ng		98
48) Acenaphthylene	9.65	152	2033591	40.14	ng		99
49) Dimethylphthalate	9.53	163	1556448	40.06	ng		100
50) 2,6-Dinitrotoluene	9.58	165	363986	42.80	ng		92
51) Acenaphthene	9.82	154	1285198	37.42	ng		99
52) 3-Nitroaniline	9.76	138	436670	41.49	ng	#	70
53) 2,4-Dinitrophenol	9.86	184	202241	42.74	ng	#	90
54) Dibenzofuran	10.00	168	1728947	37.28	ng		98
55) 4-Nitrophenol	9.93	139	317828	44.48	ng	#	70
56) 2,4-Dinitrotoluene	9.98	165	420364	39.38	ng		95
57) Fluorene	10.34	166	1376528	40.79	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	334818	38.32	ng		97
59) Diethylphthalate	10.21	149	1395582	36.99	ng		99
60) 4-Chlorophenyl-phenylether	10.33	204	527322	35.69	ng		99
61) 4-Nitroaniline	10.36	138	383563	35.17	ng		97
62) Azobenzene	10.49	77	1533135	36.90	ng		99
64) 4,6-Dinitro-2-methylphenol	10.40	198	271720	47.45	ng		90
65) n-Nitrosodiphenylamine	10.45	169	1204085	42.85	ng		100
66) 4-Bromophenyl-phenylether	10.82	248	399316	40.53	ng	#	90
67) Hexachlorobenzene	10.89	284	428733	40.72	ng	#	89
68) Atrazine	10.98	200	295528	32.60	ng		98
69) Pentachlorophenol	11.08	266	220798	42.73	ng		99
70) Phenanthrene	11.29	178	1908048	37.16	ng		99
71) Anthracene	11.34	178	1933905	41.30	ng		100
72) Carbazole	11.51	167	1925050	45.95	ng		99
73) Di-n-butylphthalate	11.84	149	2025711	41.29	ng		99
74) Fluoranthene	12.48	202	1873647	41.27	ng		98
76) Benzidine	12.60	184	748591	40.71	ng		98
77) Pyrene	12.71	202	1972688	38.06	ng		100
79) Butylbenzylphthalate	13.33	149	916603	38.88	ng	#	79
80) Benzo(a)anthracene	13.89	228	1420123	35.61	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	593875	39.28	ng	#	97
82) Chrysene	13.93	228	1468393	36.71	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	1066989	38.44	ng	#	97
84) Di-n-octyl phthalate	14.50	149	1844023	35.86	ng		100
85) Indeno(1,2,3-cd)pyrene	16.64	276	1254581	36.21	ng		100
87) Benzo(b)fluoranthene	14.90	252	1682226m	44.08	ng		
88) Benzo(k)fluoranthene	14.93	252	1045888m	32.14	ng		
89) Benzo(a)pyrene	15.24	252	1299963	38.38	ng		98
90) Dibenzo(a,h)anthracene	16.65	278	1042182	37.44	ng		99
91) Benzo(g,h,i)perylene	17.04	276	1095023	37.83	ng		96

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

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