Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
Data File : BF089794.D
Acq On : 19 Aug 2016 14:35
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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8/19/2016 4:51:39 PM

Quant Time: Aug 19 16:35:15 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 14:02:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	526405	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	2178475	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	985217	20.00	ng		0.01
63) Phenanthrene-d10	11.20	188	1736910	20.00	ng		0.01
75) Chrysene-d12	13.90	240	1073232	20.00	ng		0.02
86) Perylene-d12	15.45	264	925767	20.00	ng		0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	2348890	76.52	ng		0.00
7) Phenol-d6	6.32	99	3132405	83.13	ng		0.00
23) Nitrobenzene-d5	7.26	82	2574917	73.43	ng		0.00
41) 2,4,6-Tribromophenol	10.50	330	725517	77.49	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	4108223	73.29	ng		0.00
78) Terphenyl-d14	12.80	244	3866998	81.51	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	616956	40.61	ng		94
3) Pyridine	2.81	79	1708834	42.89	ng		92
4) n-Nitrosodimethylamine	2.76	42	619755	41.78	ng		82
6) Aniline	6.34	93	2025936	40.08	ng	#	68
8) 2-Chlorophenol	6.47	128	1543442	42.05	ng		87
9) Benzaldehyde	6.23	77	1058054	43.11	ng		85
10) Phenol	6.34	94	1763828	39.94	ng		81
11) bis(2-Chloroethyl)ether	6.43	93	1418943	41.44	ng		89
12) 1,3-Dichlorobenzene	6.63	146	1656936m	43.18	ng		
13) 1,4-Dichlorobenzene	6.71	146	1648255	41.78	ng		93
14) 1,2-Dichlorobenzene	6.86	146	1460412m	39.66	ng		
15) Benzyl Alcohol	6.83	79	1019709	40.81	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1848928	42.19	ng		92
17) 2-Methylphenol	6.95	107	1107161	38.51	ng		96
18) Hexachloroethane	7.20	117	571063	40.59	ng	#	87
19) n-Nitroso-di-n-propylamine	7.12	70	1059894	43.98	ng	#	87
20) 3+4-Methylphenols	7.11	107	1301097	36.91	ng	#	82
22) Acetophenone	7.11	105	1977172	39.53	ng	#	87
24) Nitrobenzene	7.28	77	1588535	40.38	ng	#	81
25) Isophorone	7.52	82	2734484	38.66	ng	#	92
26) 2-Nitrophenol	7.59	139	711402	36.24	ng	#	80
27) 2,4-Dimethylphenol	7.63	122	1201277	33.96	ng		96
28) bis(2-Chloroethoxy)methane	7.74	93	1797074	41.07	ng		96
29) 2,4-Dichlorophenol	7.83	162	1113495	37.51	ng		93
30) 1,2,4-Trichlorobenzene	7.92	180	1313360	40.00	ng		95
31) Naphthalene	8.00	128	4041485	39.69	ng		99
32) Benzoic acid	7.76	122	1068942	38.77	ng		98
33) 4-Chloroaniline	8.04	127	1714253	38.84	ng	#	91
34) Hexachlorobutadiene	8.12	225	681640	39.64	ng		97
35) Caprolactam	8.42	113	326264	36.09	ng		93
36) 4-Chloro-3-methylphenol	8.52	107	1180731	36.73	ng		89
37) 2-Methylnaphthalene	8.68	142	2569261	39.01	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	1342326	42.08	ng	#	96
40) Hexachlorocyclopentadiene	8.84	237	481167	43.44	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	806824	40.20	ng		98
43) 2,4,5-Trichlorophenol	8.99	196	819970	41.08	ng	#	88
45) 1,1'-Biphenyl	9.15	154	3333790	43.73	ng		94
46) 2-Chloronaphthalene	9.16	162	2437258	40.44	ng		99
47) 2-Nitroaniline	9.27	65	819776	47.69	ng	#	80
48) Acenaphthylene	9.58	152	3876714	42.81	ng		99
49) Dimethylphthalate	9.46	163	2998564	43.23	ng	#	99
50) 2,6-Dinitrotoluene	9.51	165	617872	38.58	ng	#	80
51) Acenaphthene	9.76	154	2661568	44.41	ng		99
52) 3-Nitroaniline	9.68	138	867379	48.88	ng		85
53) 2,4-Dinitrophenol	9.77	184	262498	37.00	ng	#	72
54) Dibenzofuran	9.93	168	3163490	42.02	ng	#	88
55) 4-Nitrophenol	9.84	139	609493	42.08	ng	#	76
56) 2,4-Dinitrotoluene	9.91	165	777985	37.44	ng	#	67
57) Fluorene	10.26	166	2416308	40.28	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.04	232	646439	44.49	ng		96
59) Diethylphthalate	10.16	149	2923238	41.48	ng		98
60) 4-Chlorophenyl-phenylether	10.26	204	1076503	39.34	ng		93
61) 4-Nitroaniline	10.28	138	670481	40.30	ng		97
62) Azobenzene	10.42	77	2616819	39.50	ng		96
64) 4,6-Dinitro-2-methylphenol	10.32	198	416822	41.76	ng	#	59
65) n-Nitrosodiphenylamine	10.39	169	2409724	44.12	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	773840	42.49	ng	#	86
67) Hexachlorobenzene	10.81	284	813517	39.16	ng	#	84
68) Atrazine	10.91	200	606838	36.28	ng		96
69) Pentachlorophenol	11.00	266	539226	45.79	ng		99
70) Phenanthrene	11.22	178	3667737	41.81	ng		96
71) Anthracene	11.27	178	3392655	38.04	ng		99
72) Carbazole	11.43	167	3290645	41.14	ng		97
73) Di-n-butylphthalate	11.78	149	4355678	43.53	ng	#	98
74) Fluoranthene	12.40	202	3261666	39.09	ng		93
76) Benzidine	12.54	184	1619550	46.63	ng		99
77) Pyrene	12.63	202	3449916	39.47	ng		98
79) Butylbenzylphthalate	13.30	149	1749082	44.31	ng		97
80) Benzo(a)anthracene	13.89	228	2540360	41.33	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	896395	44.49	ng	#	95
82) Chrysene	13.93	228	2251454	42.73	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	2274178	41.83	ng	#	98
84) Di-n-octyl phthalate	14.63	149	3209280	44.42	ng		96
85) Indeno(1,2,3-cd)pyrene	16.75	276	2567013	38.18	ng		98
87) Benzo(b)fluoranthene	15.05	252	2122835	41.68	ng	#	95
88) Benzo(k)fluoranthene	15.07	252	1929720m	41.76	ng		
89) Benzo(a)pyrene	15.39	252	1987400	41.23	ng		97
90) Dibenzo(a,h)anthracene	16.78	278	2131928	40.75	ng		97
91) Benzo(g,h,i)perylene	17.14	276	2202122	39.97	ng		98

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

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