Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093172.D
Acq On : 25 Feb 2017 5:36
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
2/27/2017 1:08:08 PM

Quant Time: Feb 25 06:06:51 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	173002	20.00	ng		-0.02
21) Naphthalene-d8	8.13	136	664790	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	307982	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	401065	20.00	ng		-0.01
75) Chrysene-d12	14.01	240	365503	20.00	ng		-0.01
86) Perylene-d12	15.44	264	333806	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	875714	86.84	ng		-0.02
7) Phenol-d6	6.48	99	1071864	82.61	ng		-0.01
23) Nitrobenzene-d5	7.41	82	961134	80.51	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	137939	61.93	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	1406286	82.72	ng		-0.01
78) Terphenyl-d14	12.96	244	1102201	70.86	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	232148	42.61	ng		86
3) Pyridine	3.08	79	647431	46.73	ng	#	78
4) n-Nitrosodimethylamine	3.05	42	275466	42.34	ng		85
6) Aniline	6.50	93	718340	40.59	ng	#	71
8) 2-Chlorophenol	6.62	128	469471	42.20	ng		94
9) Benzaldehyde	6.38	77	339225	36.49	ng		99
10) Phenol	6.50	94	614079	40.45	ng		91
11) bis(2-Chloroethyl)ether	6.58	93	525452	43.37	ng		100
12) 1,3-Dichlorobenzene	6.77	146	522915m	40.13	ng		
13) 1,4-Dichlorobenzene	6.85	146	543242	41.19	ng		96
14) 1,2-Dichlorobenzene	7.01	146	500146	39.66	ng		94
15) Benzyl Alcohol	6.99	79	377729	39.32	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	880749	41.84	ng		95
17) 2-Methylphenol	7.10	107	382811	40.11	ng		98
18) Hexachloroethane	7.34	117	160815	35.72	ng	#	87
19) n-Nitroso-di-n-propylamine	7.26	70	336491	40.74	ng		98
20) 3+4-Methylphenols	7.26	107	466268	40.86	ng	#	87
22) Acetophenone	7.25	105	594299	39.15	ng		97
24) Nitrobenzene	7.44	77	539450	44.01	ng	#	83
25) Isophorone	7.68	82	942447	42.37	ng		98
26) 2-Nitrophenol	7.74	139	221687	38.04	ng		94
27) 2,4-Dimethylphenol	7.79	122	372364	36.39	ng		97
28) bis(2-Chloroethoxy)methane	7.88	93	564972	38.35	ng		100
29) 2,4-Dichlorophenol	8.00	162	385845	40.43	ng		94
30) 1,2,4-Trichlorobenzene	8.08	180	406054	39.48	ng		100
31) Naphthalene	8.16	128	1329492	39.45	ng		99
32) Benzoic acid	7.93	122	207418	37.60	ng		97
33) 4-Chloroaniline	8.20	127	485451	36.73	ng	#	93
34) Hexachlorobutadiene	8.27	225	218677	38.64	ng		99
35) Caprolactam	8.59	113	112938	37.62	ng	#	39
36) 4-Chloro-3-methylphenol	8.69	107	356452	35.82	ng		97
37) 2-Methylnaphthalene	8.84	142	821702	37.98	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	380957	44.07	ng		98
40) Hexachlorocyclopentadiene	8.99	237	35927	9.21	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	234533	41.29	ng		93
43) 2,4,5-Trichlorophenol	9.17	196	237029	38.08	ng	#	86
45) 1,1'-Biphenyl	9.31	154	1004923	45.06	ng		99
46) 2-Chloronaphthalene	9.33	162	769362	44.10	ng		99
47) 2-Nitroaniline	9.44	65	271069	46.21	ng		89
48) Acenaphthylene	9.74	152	1130907	37.52	ng		99
49) Dimethylphthalate	9.61	163	850236	40.99	ng		99
50) 2,6-Dinitrotoluene	9.68	165	172116	38.42	ng	#	81
51) Acenaphthene	9.92	154	611361	33.93	ng		96
52) 3-Nitroaniline	9.85	138	214356	41.81	ng		94
53) 2,4-Dinitrophenol	9.96	184	15108	10.97	ng	#	81
54) Dibenzofuran	10.09	168	819478	34.00	ng		96
55) 4-Nitrophenol	10.02	139	115869	31.38	ng		85
56) 2,4-Dinitrotoluene	10.09	165	198800	33.33	ng		85
57) Fluorene	10.43	166	673087	36.30	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.21	232	156524	37.70	ng		96
59) Diethylphthalate	10.30	149	746911	38.21	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	315608	35.43	ng		97
61) 4-Nitroaniline	10.46	138	195194	37.17	ng	#	77
62) Azobenzene	10.58	77	748710	37.07	ng		96
64) 4,6-Dinitro-2-methylphenol	10.49	198	27123	13.16	ng	#	8
65) n-Nitrosodiphenylamine	10.54	169	608836	47.52	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	179793	42.91	ng		98
67) Hexachlorobenzene	10.98	284	165360	39.93	ng	#	89
68) Atrazine	11.07	200	150647	36.64	ng		98
69) Pentachlorophenol	11.17	266	78876	40.78	ng		95
70) Phenanthrene	11.39	178	855043	37.21	ng		98
71) Anthracene	11.45	178	948745	41.12	ng		97
72) Carbazole	11.61	167	886343	40.18	ng		97
73) Di-n-butylphthalate	11.93	149	1001618	41.99	ng	#	98
74) Fluoranthene	12.58	202	856711	36.15	ng		98
76) Benzidine	12.71	184	529286	33.98	ng		98
77) Pyrene	12.81	202	878289	32.11	ng		99
79) Butylbenzylphthalate	13.43	149	408096	36.74	ng		93
80) Benzo(a)anthracene	14.00	228	846713	37.88	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	339321	42.58	ng	#	97
82) Chrysene	14.03	228	759207	36.27	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	581989	38.31	ng	#	97
84) Di-n-octyl phthalate	14.59	149	1032470	41.74	ng		98
85) Indeno(1,2,3-cd)pyrene	16.85	276	671558	41.42	ng	#	93
87) Benzo(b)fluoranthene	15.03	252	791252m	36.01	ng		
88) Benzo(k)fluoranthene	15.06	252	836984m	44.12	ng		
89) Benzo(a)pyrene	15.38	252	749890	39.46	ng		97
90) Dibenzo(a,h)anthracene	16.85	278	589608	38.39	ng	#	94
91) Benzo(g,h,i)perylene	17.28	276	566305	36.50	ng	#	93

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

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