Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
Data File : BF094267.D
Acq On : 7 Apr 2017 12:22
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
4/10/2017 2:07:30 PM

Quant Time: Apr 07 14:39:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 07 14:38:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	157731	20.00	ng		0.00
21) Naphthalene-d8	7.35	136	639798	20.00	ng		0.00
38) Acenaphthene-d10	9.49	164	288960	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	518992	20.00	ng		0.00
75) Chrysene-d12	14.57	240	427057	20.00	ng		0.00
86) Perylene-d12	16.19	264	356343	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.37	112	755562	80.91	ng		0.00
7) Phenol-d6	5.46	99	915732	79.26	ng		0.00
23) Nitrobenzene-d5	6.50	82	917434	81.83	ng		0.00
41) 2,4,6-Tribromophenol	10.46	330	198098	86.76	ng		0.00
44) 2-Fluorobiphenyl	8.67	172	1577365	83.26	ng		0.00
78) Terphenyl-d14	13.29	244	1542381	80.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	179419	39.99	ng		98
3) Pyridine	2.68	79	462717	37.84	ng		96
4) n-Nitrosodimethylamine	2.65	42	199099	39.57	ng		88
6) Aniline	5.47	93	592969	36.90	ng	#	52
8) 2-Chlorophenol	5.61	128	423451	41.25	ng		99
9) Benzaldehyde	5.34	77	289395	37.10	ng		97
10) Phenol	5.47	94	518759	39.46	ng		78
11) bis(2-Chloroethyl)ether	5.56	93	408542	39.77	ng		97
12) 1,3-Dichlorobenzene	5.78	146	472416	41.03	ng		99
13) 1,4-Dichlorobenzene	5.87	146	479652	41.13	ng		97
14) 1,2-Dichlorobenzene	6.05	146	440801	41.04	ng		96
15) Benzyl Alcohol	6.02	79	330249	39.06	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.17	45	600172	37.91	ng		93
17) 2-Methylphenol	6.16	107	351152	39.94	ng		98
18) Hexachloroethane	6.43	117	167683	40.91	ng	#	84
19) n-Nitroso-di-n-propylamine	6.34	70	298103	40.15	ng		96
20) 3+4-Methylphenols	6.35	107	459168	43.13	ng	#	63
22) Acetophenone	6.32	105	606369	42.52	ng	#	87
24) Nitrobenzene	6.52	77	452399	40.92	ng		97
25) Isophorone	6.81	82	784271	39.81	ng		96
26) 2-Nitrophenol	6.90	139	234440	44.46	ng		99
27) 2,4-Dimethylphenol	6.97	122	367289	40.42	ng		98
28) bis(2-Chloroethoxy)methane	7.07	93	519061	39.96	ng		99
29) 2,4-Dichlorophenol	7.19	162	354220	41.70	ng		96
30) 1,2,4-Trichlorobenzene	7.29	180	357493	40.86	ng		99
31) Naphthalene	7.38	128	1244964	40.47	ng		100
32) Benzoic acid	7.13	122	219884	36.35	ng		94
33) 4-Chloroaniline	7.45	127	507624	40.71	ng		96
34) Hexachlorobutadiene	7.53	225	187185	41.72	ng		99
35) Caprolactam	7.90	113	115129	42.50	ng		96
36) 4-Chloro-3-methylphenol	8.06	107	367284	41.38	ng		90
37) 2-Methylnaphthalene	8.22	142	840653	40.99	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.43	216	328888	41.61	ng		100
40) Hexachlorocyclopentadiene	8.42	237	133741	36.16	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.57	196	229714	41.07	ng		96
43) 2,4,5-Trichlorophenol	8.62	196	248757	41.11	ng		95
45) 1,1'-Biphenyl	8.79	154	942869	40.45	ng		98
46) 2-Chloronaphthalene	8.82	162	743960	40.78	ng		95
47) 2-Nitroaniline	8.94	65	231962	42.86	ng		91
48) Acenaphthylene	9.32	152	1229981	40.56	ng		99
49) Dimethylphthalate	9.19	163	852503	41.50	ng		100
50) 2,6-Dinitrotoluene	9.25	165	200199	42.52	ng		93
51) Acenaphthene	9.53	154	713809	40.34	ng		100
52) 3-Nitroaniline	9.45	138	236389	42.75	ng		91
53) 2,4-Dinitrophenol	9.58	184	98978	41.65	ng	#	75
54) Dibenzofuran	9.75	168	955145	39.66	ng		100
55) 4-Nitrophenol	9.69	139	168183	38.84	ng	#	70
56) 2,4-Dinitrotoluene	9.75	165	237661	40.18	ng	#	69
57) Fluorene	10.17	166	805330	40.32	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.90	232	172801	41.62	ng		99
59) Diethylphthalate	10.05	149	841725	41.46	ng		98
60) 4-Chlorophenyl-phenylether	10.17	204	338820	39.82	ng		91
61) 4-Nitroaniline	10.20	138	237770	44.81	ng		96
62) Azobenzene	10.37	77	775594	40.39	ng		96
64) 4,6-Dinitro-2-methylphenol	10.25	198	141171	44.42	ng	#	67
65) n-Nitrosodiphenylamine	10.32	169	724663	40.38	ng		99
66) 4-Bromophenyl-phenylether	10.77	248	206530	40.46	ng		95
67) Hexachlorobenzene	10.85	284	211694	40.97	ng	#	88
68) Atrazine	11.00	200	224919	41.84	ng		97
69) Pentachlorophenol	11.09	266	115165	35.81	ng		97
70) Phenanthrene	11.34	178	1166813	40.42	ng		98
71) Anthracene	11.41	178	1213334	40.82	ng		99
72) Carbazole	11.62	167	1244918	40.84	ng		98
73) Di-n-butylphthalate	12.06	149	1330728	41.98	ng		99
74) Fluoranthene	12.81	202	1222921	41.37	ng		98
76) Benzidine	12.98	184	637728	37.73	ng	#	94
77) Pyrene	13.09	202	1257988	40.59	ng		98
79) Butylbenzylphthalate	13.90	149	571259	43.26	ng	#	87
80) Benzo(a)anthracene	14.56	228	1019050	40.92	ng		99
81) 3,3'-Dichlorobenzidine	14.53	252	378586	42.53	ng	#	97
82) Chrysene	14.60	228	945584	40.92	ng		99
83) Bis(2-ethylhexyl)phthalate	14.62	149	788045	43.74	ng	#	100
84) Di-n-octyl phthalate	15.37	149	1321487	43.91	ng		98
85) Indeno(1,2,3-cd)pyrene	17.52	276	813517	40.65	ng		99
87) Benzo(b)fluoranthene	15.79	252	865465	39.62	ng		99
88) Benzo(k)fluoranthene	15.83	252	873817m	40.89	ng		
89) Benzo(a)pyrene	16.14	252	815044	40.52	ng		98
90) Dibenzo(a,h)anthracene	17.54	278	689604	40.48	ng		98
91) Benzo(g,h,i)perylene	17.92	276	697387	40.62	ng		98

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

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