Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091417\
Data File : BF098519.D
Acq On : 14 Sep 2017 10:28
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/15/2017 5:43:26 PM

Quant Time: Sep 21 16:37:38 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	167770	20.00	ng		-0.02
21) Naphthalene-d8	7.93	136	711566	20.00	ng		-0.02
38) Acenaphthene-d10	9.69	164	329719	20.00	ng		-0.02
63) Phenanthrene-d10	11.17	188	637807	20.00	ng		-0.02
75) Chrysene-d12	13.80	240	487029	20.00	ng		-0.01
86) Perylene-d12	15.20	264	424706	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	876976	77.29	ng		-0.02
7) Phenol-d6	6.30	99	1068418	74.16	ng		-0.02
23) Nitrobenzene-d5	7.22	82	949134	74.36	ng		-0.02
41) 2,4,6-Tribromophenol	10.48	330	220429	100.17	ng		-0.01
44) 2-Fluorobiphenyl	9.02	172	1611949	82.86	ng		-0.02
78) Terphenyl-d14	12.75	244	1707240	75.66	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	208838	35.658	ng		92
3) Pyridine	2.95	79	556810	35.800	ng	#	85
4) n-Nitrosodimethylamine	2.92	42	249719	32.749	ng		98
6) Aniline	6.32	93	650954	36.016	ng	#	25
8) 2-Chlorophenol	6.44	128	486237	38.969	ng		97
9) Benzaldehyde	6.20	77	325892	34.603	ng		96
10) Phenol	6.32	94	619645	37.029	ng	#	61
11) bis(2-Chloroethyl)ether	6.39	93	464282	36.798	ng		95
12) 1,3-Dichlorobenzene	6.59	146	500159	39.825	ng		96
13) 1,4-Dichlorobenzene	6.67	146	508478	39.527	ng		96
14) 1,2-Dichlorobenzene	6.82	146	458869	39.153	ng		98
15) Benzyl Alcohol	6.80	79	367581	38.337	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.93	45	694309	33.446	ng		77
17) 2-Methylphenol	6.92	107	382779	37.621	ng	#	92
18) Hexachloroethane	7.16	117	188192	38.200	ng	#	87
19) n-Nitroso-di-n-propylamine	7.07	70	329374	36.346	ng		99
20) 3+4-Methylphenols	7.08	107	498272	38.806	ng	#	70
22) Acetophenone	7.07	105	695960	37.843	ng	#	92
24) Nitrobenzene	7.25	77	532461	36.624	ng		93
25) Isophorone	7.49	82	932215	36.099	ng		98
26) 2-Nitrophenol	7.56	139	263306	44.856	ng	#	85
27) 2,4-Dimethylphenol	7.60	122	422889	37.791	ng		95
28) bis(2-Chloroethoxy)methane	7.69	93	575130	36.499	ng		99
29) 2,4-Dichlorophenol	7.80	162	387533	41.640	ng		96
30) 1,2,4-Trichlorobenzene	7.88	180	418058	41.295	ng		99
31) Naphthalene	7.96	128	1362671	38.738	ng		100
32) Benzoic acid	7.77	122	297515	41.023	ng		96
33) 4-Chloroaniline	8.02	127	550361	38.497	ng		97
34) Hexachlorobutadiene	8.07	225	217050	41.763	ng		98
35) Caprolactam	8.40	113	128662m	40.091	ng		
36) 4-Chloro-3-methylphenol	8.51	107	457294	39.621	ng		85
37) 2-Methylnaphthalene	8.65	142	847081	39.755	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	424130	41.295	ng		99
40) Hexachlorocyclopentadiene	8.80	237	90825	36.318	ng		99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	262248	43.471	ng		95
43) 2,4,5-Trichlorophenol	8.98	196	263930	41.857	ng		92
45) 1,1'-Biphenyl	9.12	154	1163572	39.427	ng		98
46) 2-Chloronaphthalene	9.14	162	832933	39.519	ng		94
47) 2-Nitroaniline	9.24	65	304854	37.685	ng		95
48) Acenaphthylene	9.55	152	1222637	39.015	ng		99
49) Dimethylphthalate	9.42	163	1000083	39.184	ng		99
50) 2,6-Dinitrotoluene	9.49	165	222491	42.438	ng	#	81
51) Acenaphthene	9.72	154	774892	38.900	ng		97
52) 3-Nitroaniline	9.66	138	253126	39.997	ng		97
53) 2,4-Dinitrophenol	9.77	184	100900	44.901	ng	#	79
54) Dibenzofuran	9.89	168	1023735	39.010	ng		100
55) 4-Nitrophenol	9.83	139	136477	37.535	ng	#	52
56) 2,4-Dinitrotoluene	9.89	165	268369	42.105	ng	#	57
57) Fluorene	10.23	166	869947	40.050	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.02	232	191694	45.236	ng		92
59) Diethylphthalate	10.12	149	942772	38.840	ng		98
60) 4-Chlorophenyl-phenylether	10.23	204	407983	40.665	ng		89
61) 4-Nitroaniline	10.27	138	260741	40.796	ng		86
62) Azobenzene	10.39	77	899488	34.383	ng		97
64) 4,6-Dinitro-2-methylphenol	10.30	198	171840	44.348	ng		77
65) n-Nitrosodiphenylamine	10.35	169	786948	37.999	ng		98
66) 4-Bromophenyl-phenylether	10.72	248	248045	40.976	ng		93
67) Hexachlorobenzene	10.78	284	256211	41.727	ng	#	85
68) Atrazine	10.88	200	256895	40.293	ng		99
69) Pentachlorophenol	10.98	266	94414	38.662	ng		95
70) Phenanthrene	11.19	178	1291830	38.206	ng		98
71) Anthracene	11.24	178	1324466	38.153	ng		99
72) Carbazole	11.40	167	1242335	38.400	ng		99
73) Di-n-butylphthalate	11.73	149	1475802	38.072	ng		100
74) Fluoranthene	12.38	202	1333594	39.399	ng		98
76) Benzidine	12.50	184	771328	35.785	ng		96
77) Pyrene	12.60	202	1395037	36.310	ng		99
79) Butylbenzylphthalate	13.22	149	641755	38.503	ng	#	78
80) Benzo(a)anthracene	13.79	228	1098741	38.480	ng		98
81) 3,3'-Dichlorobenzidine	13.76	252	457182	41.200	ng	#	97
82) Chrysene	13.83	228	1095338	37.950	ng		98
83) Bis(2-ethylhexyl)phthalate	13.78	149	826181	39.496	ng		99
84) Di-n-octyl phthalate	14.39	149	1499111	41.770	ng		100
85) Indeno(1,2,3-cd)pyrene	16.54	276	855873	42.266	ng		97
87) Benzo(b)fluoranthene	14.81	252	1075429	40.272	ng		99
88) Benzo(k)fluoranthene	14.83	252	918921	36.860	ng	#	95
89) Benzo(a)pyrene	15.14	252	938354	39.442	ng		99
90) Dibenzo(a,h)anthracene	16.55	278	702433	40.588	ng		98
91) Benzo(g,h,i)perylene	16.94	276	690953	39.694	ng		96

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

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