Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
Data File : BF095503.D
Acq On : 27 May 2017 18:32
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/31/2017 1:00:16 PM

Quant Time: May 30 08:28:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 29 02:19:30 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	90453	20.00	ng		0.00
21) Naphthalene-d8	9.75	136	375403	20.00	ng		0.00
38) Acenaphthene-d10	12.59	164	172403	20.00	ng		0.00
63) Phenanthrene-d10	14.99	188	282182	20.00	ng		0.00
75) Chrysene-d12	18.67	240	245718m	20.00	ng		0.00
86) Perylene-d12	20.36	264	184277	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	428394	78.96	ng		0.01
7) Phenol-d6	7.28	99	520848	80.01	ng		-0.01
23) Nitrobenzene-d5	8.65	82	450420	75.66	ng		0.00
41) 2,4,6-Tribromophenol	13.89	330	115043	81.48	ng		0.00
44) 2-Fluorobiphenyl	11.53	172	915037	76.39	ng		0.00
78) Terphenyl-d14	17.32	244	920159	82.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	97059	36.48	ng		94
3) Pyridine	2.87	79	233912	37.93	ng		97
4) n-Nitrosodimethylamine	2.80	42	83055m	32.31	ng		
6) Aniline	7.25	93	362369	44.09	ng		96
8) 2-Chlorophenol	7.44	128	262836	42.56	ng		94
9) Benzaldehyde	7.07	77	139449	35.08	ng		97
10) Phenol	7.31	94	308135	44.92	ng		94
11) bis(2-Chloroethyl)ether	7.37	93	228568	40.36	ng		97
12) 1,3-Dichlorobenzene	7.64	146	278438	39.75	ng		98
13) 1,4-Dichlorobenzene	7.77	146	294585	41.47	ng		97
14) 1,2-Dichlorobenzene	8.00	146	274689	41.43	ng		95
15) Benzyl Alcohol	8.04	79	164455	39.28	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.22	45	297010	37.06	ng		94
17) 2-Methylphenol	8.24	107	203343	40.24	ng		95
18) Hexachloroethane	8.51	117	96889	40.26	ng	#	84
19) n-Nitroso-di-n-propylamine	8.45	70	184628	41.94	ng		92
20) 3+4-Methylphenols	8.51	107	278090	40.50	ng	#	58
22) Acetophenone	8.42	105	359544	39.92	ng	#	83
24) Nitrobenzene	8.67	77	253798	40.67	ng		95
25) Isophorone	9.08	82	426580	40.13	ng		96
26) 2-Nitrophenol	9.18	139	138014	40.99	ng		98
27) 2,4-Dimethylphenol	9.32	122	222498	40.87	ng		97
28) bis(2-Chloroethoxy)methane	9.44	93	299770	40.76	ng		99
29) 2,4-Dichlorophenol	9.62	162	196679	38.26	ng		97
30) 1,2,4-Trichlorobenzene	9.68	180	219131	39.79	ng		100
31) Naphthalene	9.79	128	769866	40.80	ng		100
32) Benzoic acid	9.66	122	109319	32.43	ng		94
33) 4-Chloroaniline	9.94	127	301817	42.92	ng	#	94
34) Hexachlorobutadiene	10.00	225	115706	39.82	ng		99
35) Caprolactam	10.57	113	66872m	43.32	ng		
36) 4-Chloro-3-methylphenol	10.80	107	234427	42.66	ng		91
37) 2-Methylnaphthalene	10.92	142	520384	42.02	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.20	216	206990	39.04	ng		99
40) Hexachlorocyclopentadiene	11.17	237	72923	36.30	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.43	196	138190	39.04	ng		98
43) 2,4,5-Trichlorophenol	11.54	196	131407	34.54	ng		96
45) 1,1'-Biphenyl	11.68	154	607396	41.84	ng		98
46) 2-Chloronaphthalene	11.70	162	479574	40.92	ng		95
47) 2-Nitroaniline	11.93	65	114100	35.57	ng	#	74
48) Acenaphthylene	12.36	152	722518	39.36	ng		98
49) Dimethylphthalate	12.24	163	524382	37.05	ng		98
50) 2,6-Dinitrotoluene	12.33	165	111483	38.61	ng	#	88
51) Acenaphthene	12.64	154	429797	39.20	ng		99
52) 3-Nitroaniline	12.61	138	130153	42.00	ng		90
53) 2,4-Dinitrophenol	12.86	184	51668m	36.20	ng		
54) Dibenzofuran	12.93	168	620003	40.86	ng		99
55) 4-Nitrophenol	13.06	139	61911m	33.26	ng		
56) 2,4-Dinitrotoluene	13.01	165	157219	42.37	ng		93
57) Fluorene	13.49	166	471382	35.73	ng		98
58) 2,3,4,6-Tetrachlorophenol	13.18	232	97869	40.87	ng	#	90
59) Diethylphthalate	13.38	149	485809	35.81	ng		99
60) 4-Chlorophenyl-phenylether	13.51	204	209956	36.21	ng		89
61) 4-Nitroaniline	13.62	138	100293	35.25	ng		91
62) Azobenzene	13.77	77	443602	40.69	ng		93
64) 4,6-Dinitro-2-methylphenol	13.69	198	77154	40.79	ng	#	74
65) n-Nitrosodiphenylamine	13.71	169	448370	43.78	ng		98
66) 4-Bromophenyl-phenylether	14.29	248	110111	36.93	ng		94
67) Hexachlorobenzene	14.38	284	111484	36.49	ng	#	84
68) Atrazine	14.64	200	108724	37.60	ng		96
69) Pentachlorophenol	14.76	266	40553	33.07	ng		97
70) Phenanthrene	15.04	178	682609	42.10	ng		99
71) Anthracene	15.12	178	741673	44.78	ng		98
72) Carbazole	15.41	167	672209	44.61	ng		97
73) Di-n-butylphthalate	15.96	149	873419	46.48	ng	#	98
74) Fluoranthene	16.78	202	729396	43.86	ng		98
76) Benzidine	17.01	184	338977	50.60	ng	#	92
77) Pyrene	17.08	202	725500	39.48	ng		98
79) Butylbenzylphthalate	17.97	149	358913	41.99	ng	#	84
80) Benzo(a)anthracene	18.66	228	554923	38.80	ng		99
81) 3,3'-Dichlorobenzidine	18.64	252	192722	39.02	ng	#	97
82) Chrysene	18.71	228	570214	41.24	ng		99
83) Bis(2-ethylhexyl)phthalate	18.72	149	472895	38.83	ng	#	98
84) Di-n-octyl phthalate	19.48	149	759816	38.05	ng		96
85) Indeno(1,2,3-cd)pyrene	21.68	276	366140m	32.61	ng		
87) Benzo(b)fluoranthene	19.94	252	436707m	38.35	ng		
88) Benzo(k)fluoranthene	19.97	252	503066	45.80	ng		96
89) Benzo(a)pyrene	20.29	252	421795	40.14	ng		97
90) Dibenzo(a,h)anthracene	21.68	278	306646	35.34	ng		96
91) Benzo(g,h,i)perylene	22.07	276	320800	37.67	ng		99

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

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