Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
Data File : BF095632.D
Acq On : 2 Jun 2017 14:03
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/6/2017 8:48:34 AM

Quant Time: Jun 03 01:44:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 01 18:51:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	117967	20.00	ng		0.00
21) Naphthalene-d8	9.57	136	521331	20.00	ng		0.00
38) Acenaphthene-d10	12.40	164	233618	20.00	ng		0.00
63) Phenanthrene-d10	14.80	188	413292	20.00	ng		0.00
75) Chrysene-d12	18.50	240	326945	20.00	ng		0.00
86) Perylene-d12	20.17	264	266605	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	623046	88.05	ng		0.00
7) Phenol-d6	7.10	99	692400	81.56	ng		0.00
23) Nitrobenzene-d5	8.46	82	641441	77.59	ng		0.00
41) 2,4,6-Tribromophenol	13.70	330	153520	80.24	ng		0.00
44) 2-Fluorobiphenyl	11.35	172	1204289	74.20	ng		0.00
78) Terphenyl-d14	17.15	244	1161622	78.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.85	88	137878	39.73	ng		95
3) Pyridine	2.44	79	295549	36.75	ng		99
4) n-Nitrosodimethylamine	2.42	42	127684	38.09	ng		85
6) Aniline	7.04	93	457075	42.65	ng		96
8) 2-Chlorophenol	7.23	128	332849	41.33	ng		95
9) Benzaldehyde	6.86	77	188080	36.28	ng		97
10) Phenol	7.12	94	400978	44.82	ng		90
11) bis(2-Chloroethyl)ether	7.18	93	308054	41.71	ng		96
12) 1,3-Dichlorobenzene	7.44	146	369848	40.48	ng		98
13) 1,4-Dichlorobenzene	7.57	146	384454	41.50	ng		98
14) 1,2-Dichlorobenzene	7.80	146	381997	44.17	ng		98
15) Benzyl Alcohol	7.84	79	273977	50.17	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.03	45	463752	44.36	ng		96
17) 2-Methylphenol	8.06	107	309163	46.91	ng		95
18) Hexachloroethane	8.32	117	122658	39.08	ng	#	84
19) n-Nitroso-di-n-propylamine	8.27	70	241025	41.98	ng		94
20) 3+4-Methylphenols	8.32	107	364860	40.74	ng	#	60
22) Acetophenone	8.23	105	505469	40.41	ng	#	85
24) Nitrobenzene	8.49	77	347471	40.10	ng		94
25) Isophorone	8.89	82	619132	41.94	ng		97
26) 2-Nitrophenol	9.00	139	205602	43.97	ng		99
27) 2,4-Dimethylphenol	9.14	122	310688	41.10	ng		98
28) bis(2-Chloroethoxy)methane	9.26	93	429710	42.08	ng		99
29) 2,4-Dichlorophenol	9.43	162	284253	39.82	ng		100
30) 1,2,4-Trichlorobenzene	9.50	180	297061	38.84	ng		99
31) Naphthalene	9.60	128	1055288	40.28	ng		99
32) Benzoic acid	9.51	122	169409	35.60	ng		95
33) 4-Chloroaniline	9.75	127	438190	44.88	ng	#	92
34) Hexachlorobutadiene	9.82	225	148044	36.69	ng		99
35) Caprolactam	10.39	113	95203	44.41	ng		90
36) 4-Chloro-3-methylphenol	10.62	107	323321	42.36	ng		91
37) 2-Methylnaphthalene	10.73	142	692986	40.30	ng		97
39) 1,2,4,5-Tetrachlorobenzene	11.01	216	283590	39.47	ng		99
40) Hexachlorocyclopentadiene	10.98	237	139790	48.84	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.24	196	189794	39.57	ng		99
43) 2,4,5-Trichlorophenol	11.33	196	182010	35.30	ng		94
45) 1,1'-Biphenyl	11.50	154	783320	39.82	ng		97
46) 2-Chloronaphthalene	11.52	162	623859	39.28	ng		95
47) 2-Nitroaniline	11.74	65	195012	44.86	ng	#	79
48) Acenaphthylene	12.17	152	982587	39.50	ng		99
49) Dimethylphthalate	12.06	163	757566	39.50	ng		99
50) 2,6-Dinitrotoluene	12.15	165	155642	39.78	ng	#	89
51) Acenaphthene	12.46	154	588049	39.58	ng		99
52) 3-Nitroaniline	12.42	138	195597	46.58	ng		91
53) 2,4-Dinitrophenol	12.64	184	88345	44.04	ng	#	69
54) Dibenzofuran	12.74	168	841496	40.93	ng		97
55) 4-Nitrophenol	12.84	139	82222m	32.60	ng		
56) 2,4-Dinitrotoluene	12.82	165	216877	43.14	ng		95
57) Fluorene	13.30	166	671026	37.53	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.99	232	132155	40.73	ng	#	92
59) Diethylphthalate	13.20	149	741819	40.35	ng		100
60) 4-Chlorophenyl-phenylether	13.32	204	294908	37.53	ng		91
61) 4-Nitroaniline	13.42	138	184162	47.77	ng		95
62) Azobenzene	13.58	77	609879	41.29	ng		93
64) 4,6-Dinitro-2-methylphenol	13.49	198	111247	40.15	ng	#	70
65) n-Nitrosodiphenylamine	13.53	169	604515	40.30	ng		100
66) 4-Bromophenyl-phenylether	14.10	248	175271	40.14	ng		98
67) Hexachlorobenzene	14.19	284	179893	40.20	ng	#	89
68) Atrazine	14.45	200	167959	39.66	ng		97
69) Pentachlorophenol	14.56	266	64797	35.54	ng		96
70) Phenanthrene	14.84	178	956926	40.30	ng		99
71) Anthracene	14.92	178	996687	41.09	ng		98
72) Carbazole	15.22	167	915401	41.48	ng		98
73) Di-n-butylphthalate	15.79	149	1140189	41.43	ng		99
74) Fluoranthene	16.60	202	1006284	41.31	ng		99
76) Benzidine	16.82	184	354102	41.14	ng	#	94
77) Pyrene	16.90	202	1032529	42.23	ng		100
79) Butylbenzylphthalate	17.81	149	456294	40.12	ng	#	86
80) Benzo(a)anthracene	18.49	228	767064	40.31	ng		98
81) 3,3'-Dichlorobenzidine	18.47	252	280097	42.62	ng	#	98
82) Chrysene	18.53	228	765043	41.58	ng		98
83) Bis(2-ethylhexyl)phthalate	18.56	149	663694	40.96	ng		99
84) Di-n-octyl phthalate	19.33	149	1071027	40.31	ng		97
85) Indeno(1,2,3-cd)pyrene	21.41	276	526550	35.24	ng		98
87) Benzo(b)fluoranthene	19.76	252	645522	39.18	ng		97
88) Benzo(k)fluoranthene	19.79	252	689295	43.38	ng		96
89) Benzo(a)pyrene	20.11	252	604389	39.76	ng		99
90) Dibenzo(a,h)anthracene	21.41	278	459359	36.59	ng		99
91) Benzo(g,h,i)perylene	21.76	276	480146	38.97	ng		98

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

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