Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
Data File : BF095132.D
Acq On : 15 May 2017 18:43
Operator : SJ/MA
Sample : I3141-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-PS-01_002MS

Manual Integrations APPROVED
mohammad
5/17/2017 2:20:06 PM

Quant Time: May 16 14:12:10 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	82967	20.00	ng		0.05
21) Naphthalene-d8	9.80	136	331430	20.00	ng		0.04
38) Acenaphthene-d10	12.63	164	147724	20.00	ng		0.05
63) Phenanthrene-d10	15.03	188	242765	20.00	ng		0.05
75) Chrysene-d12	18.70	240	169111	20.00	ng		0.05
86) Perylene-d12	20.37	264	179209	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.76	112	775057	155.75	ng		0.08
7) Phenol-d6	7.33	99	915918	153.40	ng		0.05
23) Nitrobenzene-d5	8.69	82	540802	102.89	ng		0.05
41) 2,4,6-Tribromophenol	13.93	330	176549	145.93	ng		0.05
44) 2-Fluorobiphenyl	11.57	172	1009960	98.40	ng		0.04
78) Terphenyl-d14	17.35	244	684075	89.10	ng		0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.31	88	100580	41.21	ng		93
3) Pyridine	3.01	79	233389m	41.26	ng		
4) n-Nitrosodimethylamine	2.93	42	98817m	41.91	ng		
6) Aniline	7.30	93	333905	44.30	ng		95
8) 2-Chlorophenol	7.48	128	289883	51.18	ng		95
9) Benzaldehyde	7.11	77	123215	33.80	ng		98
10) Phenol	7.35	94	321570	51.11	ng		92
11) bis(2-Chloroethyl)ether	7.42	93	254071	48.91	ng		93
12) 1,3-Dichlorobenzene	7.69	146	307396	47.84	ng		99
13) 1,4-Dichlorobenzene	7.81	146	315153	48.37	ng		98
14) 1,2-Dichlorobenzene	8.04	146	297752	48.96	ng		96
15) Benzyl Alcohol	8.07	79	225795	58.79	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.27	45	334716	45.53	ng		71
17) 2-Methylphenol	8.28	107	228837	49.37	ng		95
18) Hexachloroethane	8.56	117	99411	45.04	ng		89
19) n-Nitroso-di-n-propylamine	8.49	70	196110	48.56	ng		95
20) 3+4-Methylphenols	8.53	107	306623	48.68	ng	#	58
22) Acetophenone	8.46	105	398965	50.17	ng	#	84
24) Nitrobenzene	8.71	77	273063	49.57	ng		94
25) Isophorone	9.11	82	494874	52.73	ng	#	93
26) 2-Nitrophenol	9.22	139	152148	51.18	ng		99
27) 2,4-Dimethylphenol	9.35	122	246359	51.26	ng		97
28) bis(2-Chloroethoxy)methane	9.47	93	323291	49.80	ng		98
29) 2,4-Dichlorophenol	9.64	162	238183	52.49	ng		98
30) 1,2,4-Trichlorobenzene	9.72	180	234494	48.23	ng		99
31) Naphthalene	9.83	128	797033	47.85	ng		100
32) Benzoic acid	9.65	122	99797	33.36	ng		96
33) 4-Chloroaniline	9.98	127	124926	20.12	ng	#	90
34) Hexachlorobutadiene	10.05	225	115487	45.02	ng		98
35) Caprolactam	10.60	113	66550m	48.84	ng		
36) 4-Chloro-3-methylphenol	10.82	107	242732	50.03	ng		94
37) 2-Methylnaphthalene	10.95	142	545120	49.86	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.23	216	217348	47.84	ng		99
40) Hexachlorocyclopentadiene	11.21	237	84835	47.11	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.45	196	157251	51.84	ng		99
43) 2,4,5-Trichlorophenol	11.54	196	156677	48.06	ng	#	92
45) 1,1'-Biphenyl	11.72	154	615688	49.50	ng		98
46) 2-Chloronaphthalene	11.74	162	484490	48.24	ng		96
47) 2-Nitroaniline	11.95	65	133149	48.44	ng	#	84
48) Acenaphthylene	12.40	152	756125	48.07	ng		99
49) Dimethylphthalate	12.27	163	721325	59.48	ng		100
50) 2,6-Dinitrotoluene	12.37	165	126863	51.28	ng		96
51) Acenaphthene	12.68	154	443524	47.21	ng		98
52) 3-Nitroaniline	12.64	138	81672	30.76	ng		87
53) 2,4-Dinitrophenol	12.85	184	36138	30.70	ng	#	62
54) Dibenzofuran	12.97	168	680904	52.37	ng		98
55) 4-Nitrophenol	13.02	139	142912	89.60	ng	#	72
56) 2,4-Dinitrotoluene	13.03	165	164902	51.87	ng	#	85
57) Fluorene	13.52	166	533425	47.18	ng		98
58) 2,3,4,6-Tetrachlorophenol	13.21	232	114119	55.62	ng		94
59) Diethylphthalate	13.42	149	548339	47.17	ng		99
60) 4-Chlorophenyl-phenylether	13.55	204	239835	48.27	ng		88
61) 4-Nitroaniline	13.64	138	91680	37.61	ng		94
62) Azobenzene	13.81	77	496893	53.20	ng		93
64) 4,6-Dinitro-2-methylphenol	13.70	198	31650	19.45	ng	#	68
65) n-Nitrosodiphenylamine	13.75	169	466314	52.92	ng		98
66) 4-Bromophenyl-phenylether	14.34	248	129945	50.66	ng		98
67) Hexachlorobenzene	14.42	284	124934	47.53	ng	#	88
68) Atrazine	14.68	200	130621	52.51	ng		97
69) Pentachlorophenol	14.77	266	96782	81.33	ng		98
70) Phenanthrene	15.07	178	672650	48.22	ng		98
71) Anthracene	15.15	178	696386	48.88	ng		98
72) Carbazole	15.43	167	623955	48.13	ng		97
73) Di-n-butylphthalate	15.99	149	841675	52.06	ng	#	98
74) Fluoranthene	16.81	202	596145	41.66	ng		99
76) Benzidine	17.04	184	180354	40.61	ng	#	92
77) Pyrene	17.11	202	586061	46.34	ng		99
79) Butylbenzylphthalate	18.01	149	289037	49.13	ng	#	87
80) Benzo(a)anthracene	18.69	228	466476	47.40	ng		98
81) 3,3'-Dichlorobenzidine	18.67	252	145320	42.75	ng	#	94
82) Chrysene	18.73	228	450296	47.32	ng		98
83) Bis(2-ethylhexyl)phthalate	18.75	149	414059	49.40	ng	#	98
84) Di-n-octyl phthalate	19.52	149	700997	51.01	ng		96
85) Indeno(1,2,3-cd)pyrene	21.71	276	465429	60.22	ng		99
87) Benzo(b)fluoranthene	19.97	252	487870	44.06	ng		98
88) Benzo(k)fluoranthene	19.99	252	525056	49.16	ng		97
89) Benzo(a)pyrene	20.32	252	484413	47.41	ng		99
90) Dibenzo(a,h)anthracene	21.71	278	384489	45.56	ng		96
91) Benzo(g,h,i)perylene	22.09	276	375183	45.30	ng		98

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

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