Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
Data File : BF095133.D
Acq On : 15 May 2017 19:15
Operator : SJ/MA
Sample : I3141-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-PS-01_002MSD

Manual Integrations APPROVED
mohammad
5/17/2017 2:20:09 PM

Quant Time: May 16 14:10:30 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	95563	20.00	ng		0.05
21) Naphthalene-d8	9.80	136	380796	20.00	ng		0.04
38) Acenaphthene-d10	12.62	164	167383	20.00	ng		0.04
63) Phenanthrene-d10	15.03	188	272845	20.00	ng		0.05
75) Chrysene-d12	18.70	240	183698	20.00	ng		0.05
86) Perylene-d12	20.37	264	180778	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.76	112	795466	138.78	ng		0.08
7) Phenol-d6	7.33	99	918292	133.52	ng		0.05
23) Nitrobenzene-d5	8.68	82	507490	84.04	ng		0.05
41) 2,4,6-Tribromophenol	13.93	330	176795	128.97	ng		0.05
44) 2-Fluorobiphenyl	11.57	172	975473	83.88	ng		0.04
78) Terphenyl-d14	17.35	244	641808	76.95	ng		0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.31	88	95313	33.91	ng		95
3) Pyridine	3.02	79	237914m	36.52	ng		
4) n-Nitrosodimethylamine	2.93	42	98580m	36.30	ng		
6) Aniline	7.30	93	326543	37.61	ng		96
8) 2-Chlorophenol	7.48	128	295266	45.26	ng		95
9) Benzaldehyde	7.11	77	120616	28.72	ng		98
10) Phenol	7.35	94	330338	45.58	ng		88
11) bis(2-Chloroethyl)ether	7.42	93	265565	44.39	ng		96
12) 1,3-Dichlorobenzene	7.69	146	311571	42.10	ng		98
13) 1,4-Dichlorobenzene	7.81	146	321598	42.85	ng		97
14) 1,2-Dichlorobenzene	8.04	146	303533	43.33	ng		96
15) Benzyl Alcohol	8.07	79	232190	52.49	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.27	45	353183	41.71	ng		66
17) 2-Methylphenol	8.27	107	235544	44.12	ng	#	87
18) Hexachloroethane	8.56	117	95423	37.53	ng	#	86
19) n-Nitroso-di-n-propylamine	8.48	70	205979	44.28	ng		96
20) 3+4-Methylphenols	8.53	107	305064	42.05	ng	#	57
22) Acetophenone	8.45	105	410735	44.96	ng	#	84
24) Nitrobenzene	8.71	77	257115	40.62	ng		92
25) Isophorone	9.11	82	501639	46.52	ng	#	94
26) 2-Nitrophenol	9.22	139	158469	46.40	ng		97
27) 2,4-Dimethylphenol	9.35	122	254645	46.11	ng		97
28) bis(2-Chloroethoxy)methane	9.47	93	338269	45.35	ng		99
29) 2,4-Dichlorophenol	9.64	162	229006	43.92	ng		99
30) 1,2,4-Trichlorobenzene	9.72	180	245290	43.91	ng		99
31) Naphthalene	9.83	128	806526	42.14	ng		100
32) Benzoic acid	9.64	122	102904	30.46	ng		95
33) 4-Chloroaniline	9.98	127	120850	16.94	ng	#	93
34) Hexachlorobutadiene	10.04	225	119958	40.70	ng		97
35) Caprolactam	10.60	113	64803m	41.39	ng		
36) 4-Chloro-3-methylphenol	10.82	107	219887	39.44	ng		90
37) 2-Methylnaphthalene	10.95	142	492773	39.23	ng		97
39) 1,2,4,5-Tetrachlorobenzene	11.23	216	203084	39.45	ng		99
40) Hexachlorocyclopentadiene	11.21	237	77607	39.20	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.45	196	156843	45.64	ng		99
43) 2,4,5-Trichlorophenol	11.55	196	142269	38.51	ng	#	91
45) 1,1'-Biphenyl	11.72	154	599733	42.56	ng		98
46) 2-Chloronaphthalene	11.74	162	479376	42.13	ng		95
47) 2-Nitroaniline	11.95	65	136030	43.68	ng	#	84
48) Acenaphthylene	12.40	152	781820	43.86	ng		99
49) Dimethylphthalate	12.27	163	725898	52.83	ng		99
50) 2,6-Dinitrotoluene	12.37	165	130988	46.73	ng		97
51) Acenaphthene	12.68	154	459897	43.20	ng		98
52) 3-Nitroaniline	12.64	138	79369	26.38	ng		92
53) 2,4-Dinitrophenol	12.85	184	46620	34.08	ng	#	64
54) Dibenzofuran	12.97	168	697457	47.34	ng		98
55) 4-Nitrophenol	13.02	139	141447	78.27	ng	#	69
56) 2,4-Dinitrotoluene	13.03	165	170247	47.26	ng	#	91
57) Fluorene	13.52	166	539023	42.08	ng		100
58) 2,3,4,6-Tetrachlorophenol	13.21	232	117732	50.64	ng	#	91
59) Diethylphthalate	13.42	149	560306	42.54	ng		99
60) 4-Chlorophenyl-phenylether	13.55	204	243690	43.29	ng		89
61) 4-Nitroaniline	13.64	138	80868	29.28	ng		97
62) Azobenzene	13.81	77	479737	45.33	ng		92
64) 4,6-Dinitro-2-methylphenol	13.70	198	34721	18.98	ng	#	67
65) n-Nitrosodiphenylamine	13.75	169	431952	43.62	ng		99
66) 4-Bromophenyl-phenylether	14.34	248	131561	45.64	ng		95
67) Hexachlorobenzene	14.42	284	125337	42.43	ng	#	85
68) Atrazine	14.67	200	134667	48.17	ng		96
69) Pentachlorophenol	14.77	266	95848	72.36	ng		96
70) Phenanthrene	15.07	178	679698	43.36	ng		97
71) Anthracene	15.15	178	626856	39.15	ng		99
72) Carbazole	15.43	167	633627	43.49	ng		97
73) Di-n-butylphthalate	15.99	149	840008	46.23	ng		98
74) Fluoranthene	16.81	202	610566	37.97	ng		99
76) Benzidine	17.03	184	175248	37.02	ng	#	94
77) Pyrene	17.11	202	602270	43.84	ng		98
79) Butylbenzylphthalate	18.01	149	280462	43.89	ng		88
80) Benzo(a)anthracene	18.69	228	449622	42.06	ng		99
81) 3,3'-Dichlorobenzidine	18.67	252	147095	39.84	ng	#	95
82) Chrysene	18.73	228	444957	43.04	ng		97
83) Bis(2-ethylhexyl)phthalate	18.75	149	399791	43.91	ng	#	98
84) Di-n-octyl phthalate	19.52	149	575838	38.58	ng		96
85) Indeno(1,2,3-cd)pyrene	21.71	276	435996	51.93	ng		100
87) Benzo(b)fluoranthene	19.97	252	414131	37.07	ng		98
88) Benzo(k)fluoranthene	19.99	252	439635	40.80	ng	#	94
89) Benzo(a)pyrene	20.31	252	448007	43.46	ng		98
90) Dibenzo(a,h)anthracene	21.71	278	355962	41.81	ng		97
91) Benzo(g,h,i)perylene	22.09	276	351158	42.04	ng		98

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

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