Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
Data File : BF095470.D
Acq On : 26 May 2017 20:11
Operator : SJ/MA
Sample : I3366-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-PS-01-004MSD

Manual Integrations APPROVED
mohammad
5/30/2017 1:36:32 PM

Quant Time: May 30 11:42:37 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 16:50:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	95217	20.00	ng		0.00
21) Naphthalene-d8	9.76	136	379615	20.00	ng		0.00
38) Acenaphthene-d10	12.59	164	167157	20.00	ng		0.00
63) Phenanthrene-d10	14.99	188	250890	20.00	ng		0.00
75) Chrysene-d12	18.68	240	186990	20.00	ng		0.00
86) Perylene-d12	20.35	264	145632	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	917442	160.64	ng		0.01
7) Phenol-d6	7.30	99	1080577	157.69	ng		0.00
23) Nitrobenzene-d5	8.65	82	633942	105.31	ng		0.00
41) 2,4,6-Tribromophenol	13.89	330	182935	133.63	ng		0.00
44) 2-Fluorobiphenyl	11.54	172	1122283	96.64	ng		0.00
78) Terphenyl-d14	17.32	244	731729	86.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	107582	38.41	ng		98
3) Pyridine	2.95	79	249329	38.41	ng		92
4) n-Nitrosodimethylamine	2.87	42	110113	40.69	ng		81
6) Aniline	7.25	93	287949	33.29	ng		96
8) 2-Chlorophenol	7.44	128	329139	50.63	ng		97
9) Benzaldehyde	7.09	77	61933	14.80	ng		95
10) Phenol	7.32	94	348345	48.24	ng		90
11) bis(2-Chloroethyl)ether	7.38	93	285589	47.91	ng		97
12) 1,3-Dichlorobenzene	7.65	146	335646	45.52	ng		99
13) 1,4-Dichlorobenzene	7.77	146	344012	46.00	ng		97
14) 1,2-Dichlorobenzene	8.01	146	325307	46.61	ng		96
15) Benzyl Alcohol	8.04	79	257805	58.49	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.23	45	394819	46.79	ng		95
17) 2-Methylphenol	8.26	107	273312	51.38	ng		91
18) Hexachloroethane	8.52	117	104155	41.12	ng		88
19) n-Nitroso-di-n-propylamine	8.46	70	229899	49.61	ng		92
20) 3+4-Methylphenols	8.52	107	350407	48.47	ng	#	61
22) Acetophenone	8.42	105	455650	50.03	ng	#	84
24) Nitrobenzene	8.68	77	319669	50.66	ng		92
25) Isophorone	9.08	82	561738	52.26	ng	#	94
26) 2-Nitrophenol	9.18	139	149363	43.87	ng		99
27) 2,4-Dimethylphenol	9.32	122	294710	53.54	ng		99
28) bis(2-Chloroethoxy)methane	9.44	93	376434	50.62	ng		98
29) 2,4-Dichlorophenol	9.61	162	253358	48.74	ng		95
30) 1,2,4-Trichlorobenzene	9.69	180	261997	47.05	ng		99
31) Naphthalene	9.80	128	910459	47.72	ng		99
32) Benzoic acid	9.63	122	61611	20.32	ng		95
33) 4-Chloroaniline	9.97	127	96344	13.55	ng	#	90
34) Hexachlorobutadiene	10.01	225	130499	44.41	ng		98
35) Caprolactam	10.58	113	78095m	50.03	ng		
36) 4-Chloro-3-methylphenol	10.81	107	281665	50.68	ng		91
37) 2-Methylnaphthalene	10.92	142	641863	51.26	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.20	216	250768	48.78	ng		99
40) Hexachlorocyclopentadiene	11.17	237	29986	18.88	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.43	196	170051	49.55	ng		98
43) 2,4,5-Trichlorophenol	11.53	196	151648	41.11	ng		93
45) 1,1'-Biphenyl	11.69	154	705703	50.14	ng		98
46) 2-Chloronaphthalene	11.71	162	546151	48.06	ng		96
47) 2-Nitroaniline	11.93	65	160253	51.52	ng	#	82
48) Acenaphthylene	12.36	152	847514	47.61	ng		99
49) Dimethylphthalate	12.24	163	754336	54.97	ng		100
50) 2,6-Dinitrotoluene	12.34	165	131366	46.92	ng		96
51) Acenaphthene	12.65	154	501010	47.13	ng		99
52) 3-Nitroaniline	12.61	138	101497	33.78	ng		92
53) 2,4-Dinitrophenol	12.89	184	4169	8.74	ng	#	15
54) Dibenzofuran	12.94	168	762554	51.83	ng		98
55) 4-Nitrophenol	13.04	139	129632	71.83	ng	#	78
56) 2,4-Dinitrotoluene	13.01	165	172455	47.94	ng	#	91
57) Fluorene	13.49	166	584109	45.66	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.18	232	110952	47.79	ng	#	93
59) Diethylphthalate	13.38	149	590638	44.91	ng		98
60) 4-Chlorophenyl-phenylether	13.51	204	262183	46.63	ng		91
61) 4-Nitroaniline	13.62	138	118717	43.04	ng		92
62) Azobenzene	13.77	77	543608	51.43	ng		94
64) 4,6-Dinitro-2-methylphenol	13.71	198	10050	5.98	ng	#	1
65) n-Nitrosodiphenylamine	13.72	169	514052	56.45	ng		99
66) 4-Bromophenyl-phenylether	14.29	248	142790	53.87	ng		98
67) Hexachlorobenzene	14.39	284	137689	50.69	ng	#	89
68) Atrazine	14.64	200	137826	53.61	ng		96
69) Pentachlorophenol	14.75	266	79097	65.54	ng		99
70) Phenanthrene	15.04	178	712522	49.43	ng		98
71) Anthracene	15.12	178	753036	51.14	ng		97
72) Carbazole	15.41	167	672554	50.20	ng		97
73) Di-n-butylphthalate	15.96	149	879309	52.63	ng		98
74) Fluoranthene	16.78	202	664820	44.96	ng		99
76) Benzidine	17.01	184	240521	47.62	ng	#	93
77) Pyrene	17.08	202	651942	46.62	ng		98
79) Butylbenzylphthalate	17.98	149	315380	48.48	ng		90
80) Benzo(a)anthracene	18.66	228	519973	47.78	ng		99
81) 3,3'-Dichlorobenzidine	18.64	252	162683	43.28	ng		97
82) Chrysene	18.71	228	506334	48.12	ng		98
83) Bis(2-ethylhexyl)phthalate	18.72	149	440801	47.56	ng		99
84) Di-n-octyl phthalate	19.49	149	746745	49.14	ng		96
85) Indeno(1,2,3-cd)pyrene	21.68	276	390791	45.73	ng		100
87) Benzo(b)fluoranthene	19.94	252	458077	50.90	ng		98
88) Benzo(k)fluoranthene	19.97	252	502466m	57.89	ng		
89) Benzo(a)pyrene	20.29	252	432112	52.04	ng		98
90) Dibenzo(a,h)anthracene	21.68	278	323473	47.17	ng		97
91) Benzo(g,h,i)perylene	22.06	276	325608	48.38	ng		98

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

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