Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
Data File : BF094238.D
Acq On : 6 Apr 2017 19:50
Operator : SJ/MA
Sample : I2534-13MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GP-B-02(10-15)MSD

Manual Integrations APPROVED
mohammad
4/7/2017 5:21:04 PM

Quant Time: Apr 07 01:27:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 13:20:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	169447	20.00	ng		0.00
21) Naphthalene-d8	7.36	136	697869	20.00	ng		0.00
38) Acenaphthene-d10	9.50	164	327371	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	577227	20.00	ng		0.00
75) Chrysene-d12	14.57	240	382028	20.00	ng		0.00
86) Perylene-d12	16.20	264	290190	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.40	112	1441801	143.72	ng		0.01
7) Phenol-d6	5.47	99	1845109	148.67	ng		0.01
23) Nitrobenzene-d5	6.51	82	1154235	94.39	ng		0.00
41) 2,4,6-Tribromophenol	10.48	330	404236	156.26	ng		0.00
44) 2-Fluorobiphenyl	8.69	172	2009182	93.61	ng		0.00
78) Terphenyl-d14	13.30	244	1639759	96.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	199776	41.45	ng		97
3) Pyridine	2.73	79	586941	44.68	ng		99
4) n-Nitrosodimethylamine	2.70	42	271963	50.32	ng		91
6) Aniline	5.48	93	391250	22.66	ng	#	1
8) 2-Chlorophenol	5.62	128	589806	53.49	ng		98
9) Benzaldehyde	5.35	77	295629	35.28	ng		97
10) Phenol	5.49	94	797288	56.45	ng		99
11) bis(2-Chloroethyl)ether	5.57	93	555286	50.31	ng		96
12) 1,3-Dichlorobenzene	5.79	146	613148	49.57	ng		98
13) 1,4-Dichlorobenzene	5.87	146	619745	49.47	ng		96
14) 1,2-Dichlorobenzene	6.05	146	569953	49.40	ng		96
15) Benzyl Alcohol	6.03	79	482086	53.07	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.19	45	773689	45.49	ng		96
17) 2-Methylphenol	6.17	107	503544	53.32	ng		97
18) Hexachloroethane	6.45	117	218443	49.61	ng	#	88
19) n-Nitroso-di-n-propylamine	6.35	70	415045	52.03	ng		98
20) 3+4-Methylphenols	6.35	107	639774	55.93	ng	#	63
22) Acetophenone	6.33	105	837169	53.82	ng	#	86
24) Nitrobenzene	6.53	77	612376	50.78	ng		96
25) Isophorone	6.82	82	1133081	52.73	ng		97
26) 2-Nitrophenol	6.90	139	342715	59.59	ng		96
27) 2,4-Dimethylphenol	6.97	122	554396	55.94	ng		98
28) bis(2-Chloroethoxy)methane	7.08	93	727832	51.36	ng		98
29) 2,4-Dichlorophenol	7.20	162	523254	56.47	ng		99
30) 1,2,4-Trichlorobenzene	7.29	180	488124	51.15	ng		98
31) Naphthalene	7.39	128	1671880	49.82	ng		100
32) Benzoic acid	7.13	122	212324	32.18	ng		95
33) 4-Chloroaniline	7.45	127	162307	11.93	ng		96
34) Hexachlorobutadiene	7.54	225	237054	48.44	ng		99
35) Caprolactam	7.91	113	180343m	61.03	ng		
36) 4-Chloro-3-methylphenol	8.08	107	572837	59.16	ng		90
37) 2-Methylnaphthalene	8.23	142	1169516	52.28	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.43	216	426537	47.63	ng		99
40) Hexachlorocyclopentadiene	8.42	237	317130	75.67	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.58	196	355498	56.11	ng		99
43) 2,4,5-Trichlorophenol	8.63	196	360864	52.63	ng		96
45) 1,1'-Biphenyl	8.80	154	1269284	48.07	ng		98
46) 2-Chloronaphthalene	8.82	162	1019820	49.34	ng		95
47) 2-Nitroaniline	8.95	65	329495	53.74	ng	#	84
48) Acenaphthylene	9.33	152	1621656	47.21	ng		99
49) Dimethylphthalate	9.20	163	1563590	67.19	ng		100
50) 2,6-Dinitrotoluene	9.26	165	286009	53.61	ng		91
51) Acenaphthene	9.55	154	960809	47.93	ng		99
52) 3-Nitroaniline	9.46	138	143823	22.96	ng		85
53) 2,4-Dinitrophenol	9.60	184	194896	68.96	ng	#	67
54) Dibenzofuran	9.76	168	1387272	50.84	ng		100
55) 4-Nitrophenol	9.71	139	458405	93.44	ng	#	63
56) 2,4-Dinitrotoluene	9.76	165	342895	51.17	ng	#	61
57) Fluorene	10.17	166	1044039	46.14	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	269810	57.36	ng		98
59) Diethylphthalate	10.06	149	1199834	52.17	ng		99
60) 4-Chlorophenyl-phenylether	10.18	204	444894	46.15	ng		95
61) 4-Nitroaniline	10.22	138	304875	50.72	ng		97
62) Azobenzene	10.38	77	1167845	53.68	ng		95
64) 4,6-Dinitro-2-methylphenol	10.26	198	177570	50.23	ng	#	70
65) n-Nitrosodiphenylamine	10.33	169	1020881	51.14	ng		97
66) 4-Bromophenyl-phenylether	10.78	248	289857	51.06	ng		98
67) Hexachlorobenzene	10.85	284	293825	51.13	ng	#	86
68) Atrazine	11.01	200	305225	51.05	ng		96
69) Pentachlorophenol	11.10	266	324261	90.65	ng		98
70) Phenanthrene	11.36	178	1539318	47.94	ng		100
71) Anthracene	11.42	178	1612140	48.76	ng		99
72) Carbazole	11.62	167	1555628	45.89	ng		99
73) Di-n-butylphthalate	12.07	149	1833807	52.01	ng		100
74) Fluoranthene	12.82	202	1552627	47.22	ng		99
76) Benzidine	12.99	184	606205	40.09	ng	#	92
77) Pyrene	13.09	202	1549537	55.89	ng		99
79) Butylbenzylphthalate	13.91	149	752937	63.74	ng	#	84
80) Benzo(a)anthracene	14.56	228	1138740	51.12	ng		99
81) 3,3'-Dichlorobenzidine	14.53	252	267955	33.65	ng	#	97
82) Chrysene	14.61	228	1010270	48.87	ng		99
83) Bis(2-ethylhexyl)phthalate	14.63	149	1019066	63.23	ng	#	99
84) Di-n-octyl phthalate	15.38	149	1568056	58.24	ng		98
85) Indeno(1,2,3-cd)pyrene	17.53	276	938219	52.40	ng		100
87) Benzo(b)fluoranthene	15.80	252	909870	51.15	ng		99
88) Benzo(k)fluoranthene	15.83	252	838729	48.19	ng	#	95
89) Benzo(a)pyrene	16.14	252	829600	50.65	ng		98
90) Dibenzo(a,h)anthracene	17.55	278	774926	55.86	ng		98
91) Benzo(g,h,i)perylene	17.92	276	803899	57.50	ng		97

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

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