Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094902.D
Acq On : 5 May 2017 6:56
Operator : SJ/MA
Sample : I2932-01MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1MS

Manual Integrations APPROVED
mohammad
5/5/2017 5:23:47 PM

Quant Time: May 05 08:18:55 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	7.72	152	88096	20.00	ng		0.00
21) Naphthalene-d8	9.74	136	365082	20.00	ng		-0.01
38) Acenaphthene-d10	12.57	164	173780	20.00	ng		-0.01
63) Phenanthrene-d10	14.97	188	297471	20.00	ng		-0.01
75) Chrysene-d12	18.64	240	200864	20.00	ng		-0.02
86) Perylene-d12	20.30	264	181698	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	700184	132.51	ng		0.01
7) Phenol-d6	7.28	99	813337	128.29	ng		0.00
23) Nitrobenzene-d5	8.62	82	539694	93.22	ng		-0.01
41) 2,4,6-Tribromophenol	13.87	330	202306	142.15	ng		-0.01
44) 2-Fluorobiphenyl	11.52	172	1101607	91.24	ng		0.00
78) Terphenyl-d14	17.30	244	891568	97.76	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	88739	34.24	ng		97
3) Pyridine	2.84	79	185434	30.87	ng		98
4) n-Nitrosodimethylamine	2.76	42	107555	42.96	ng		87
6) Aniline	7.23	93	160542	20.06	ng		90
8) 2-Chlorophenol	7.42	128	289075	48.06	ng		95
9) Benzaldehyde	7.05	77	30731	7.94	ng		98
10) Phenol	7.29	94	287276	43.00	ng		91
11) bis(2-Chloroethyl)ether	7.36	93	252803	45.84	ng		96
12) 1,3-Dichlorobenzene	7.63	146	273632	40.11	ng		96
13) 1,4-Dichlorobenzene	7.75	146	284457	41.11	ng		97
14) 1,2-Dichlorobenzene	7.98	146	275818	42.71	ng		96
15) Benzyl Alcohol	8.01	79	236637	58.03	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.21	45	333944	42.78	ng		75
17) 2-Methylphenol	8.22	107	231393	47.01	ng		94
18) Hexachloroethane	8.51	117	88154	37.61	ng		87
19) n-Nitroso-di-n-propylamine	8.44	70	206581	48.18	ng		94
20) 3+4-Methylphenols	8.48	107	301575	45.09	ng	#	57
22) Acetophenone	8.40	105	417437	47.66	ng	#	83
24) Nitrobenzene	8.65	77	278875	45.96	ng		94
25) Isophorone	9.05	82	508867	49.22	ng		95
26) 2-Nitrophenol	9.16	139	155328	47.44	ng		99
27) 2,4-Dimethylphenol	9.30	122	260365	49.18	ng		99
28) bis(2-Chloroethoxy)methane	9.42	93	329681	46.10	ng		99
29) 2,4-Dichlorophenol	9.58	162	255092	51.03	ng		99
30) 1,2,4-Trichlorobenzene	9.67	180	238178	44.47	ng		99
31) Naphthalene	9.78	128	819353	44.65	ng		100
32) Benzoic acid	9.62	122	152364	44.27	ng		94
33) 4-Chloroaniline	9.93	127	52113	7.62	ng		95
34) Hexachlorobutadiene	10.00	225	116710	41.30	ng		98
35) Caprolactam	10.54	113	68104m	45.37	ng		
36) 4-Chloro-3-methylphenol	10.77	107	261217	48.87	ng		88
37) 2-Methylnaphthalene	10.90	142	586001	48.66	ng		99
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	233875	43.76	ng		99
40) Hexachlorocyclopentadiene	11.16	237	109629	51.16	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	170332	47.74	ng		96
43) 2,4,5-Trichlorophenol	11.49	196	176248	45.96	ng	#	93
45) 1,1'-Biphenyl	11.67	154	647804	44.28	ng		98
46) 2-Chloronaphthalene	11.68	162	508668	43.06	ng		95
47) 2-Nitroaniline	11.89	65	157523	48.71	ng	#	85
48) Acenaphthylene	12.34	152	854613	46.18	ng		99
49) Dimethylphthalate	12.22	163	634435	44.47	ng		98
50) 2,6-Dinitrotoluene	12.31	165	145681	50.05	ng		95
51) Acenaphthene	12.63	154	520989	47.14	ng		99
52) 3-Nitroaniline	12.57	138	70624	22.61	ng	#	89
53) 2,4-Dinitrophenol	12.77	184	110947	70.05	ng	#	66
54) Dibenzofuran	12.91	168	784786	51.31	ng		99
55) 4-Nitrophenol	12.95	139	176135	93.88	ng	#	78
56) 2,4-Dinitrotoluene	12.97	165	187827	50.22	ng	#	86
57) Fluorene	13.47	166	634199	47.69	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	123632	51.22	ng	#	97
59) Diethylphthalate	13.37	149	597446	43.69	ng		99
60) 4-Chlorophenyl-phenylether	13.49	204	279125	47.75	ng		90
61) 4-Nitroaniline	13.58	138	129487	45.15	ng		97
62) Azobenzene	13.75	77	577497	52.56	ng		94
64) 4,6-Dinitro-2-methylphenol	13.63	198	76170	38.20	ng	#	70
65) n-Nitrosodiphenylamine	13.70	169	520275	48.19	ng		99
66) 4-Bromophenyl-phenylether	14.28	248	155080	49.35	ng		97
67) Hexachlorobenzene	14.36	284	151925	47.17	ng	#	85
68) Atrazine	14.62	200	136829	44.89	ng		97
69) Pentachlorophenol	14.71	266	139911	94.90	ng		97
70) Phenanthrene	15.01	178	842404	49.29	ng		98
71) Anthracene	15.09	178	847734	48.56	ng		98
72) Carbazole	15.38	167	781440	49.19	ng		98
73) Di-n-butylphthalate	15.95	149	965985	48.76	ng		99
74) Fluoranthene	16.75	202	795365	45.36	ng		98
76) Benzidine	16.99	184	10727	8.29	ng	#	87
77) Pyrene	17.05	202	771304	51.34	ng		99
79) Butylbenzylphthalate	17.96	149	369085	52.82	ng		93
80) Benzo(a)anthracene	18.62	228	575520	49.23	ng		99
81) 3,3'-Dichlorobenzidine	18.61	252	121085	29.99	ng	#	96
82) Chrysene	18.67	228	532386	47.10	ng		99
83) Bis(2-ethylhexyl)phthalate	18.70	149	484591	48.67	ng		99
84) Di-n-octyl phthalate	19.47	149	810610	49.66	ng		96
85) Indeno(1,2,3-cd)pyrene	21.59	276	494916	53.92	ng		99
87) Benzo(b)fluoranthene	19.89	252	566174	50.43	ng		98
88) Benzo(k)fluoranthene	19.92	252	517742	47.81	ng		97
89) Benzo(a)pyrene	20.25	252	509969	49.22	ng		100
90) Dibenzo(a,h)anthracene	21.60	278	416993	48.74	ng		97
91) Benzo(g,h,i)perylene	21.96	276	400021	47.64	ng		97

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

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