Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\
Data File : BF095267.D
Acq On : 19 May 2017 17:21
Operator : SJ/MA
Sample : PB99069BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB99069BS

Manual Integrations APPROVED
mohammad
5/22/2017 1:29:43 PM

Quant Time: May 22 07:31:59 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	87922	20.00	ng		0.00
21) Naphthalene-d8	9.78	136	367344	20.00	ng		0.00
38) Acenaphthene-d10	12.61	164	170064	20.00	ng		0.00
63) Phenanthrene-d10	15.02	188	286529	20.00	ng		0.00
75) Chrysene-d12	18.69	240	245735	20.00	ng		0.00
86) Perylene-d12	20.36	264	154018	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.74	112	707373	134.13	ng		0.00
7) Phenol-d6	7.32	99	887729	140.30	ng		0.00
23) Nitrobenzene-d5	8.67	82	520067	89.28	ng		0.00
41) 2,4,6-Tribromophenol	13.92	330	209688	150.55	ng		0.00
44) 2-Fluorobiphenyl	11.55	172	1048339	88.73	ng		0.00
78) Terphenyl-d14	17.34	244	999128	89.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	80461	31.11	ng		93
3) Pyridine	3.00	79	180410	30.10	ng		99
4) n-Nitrosodimethylamine	2.92	42	79333	31.75	ng		86
6) Aniline	7.28	93	312810	39.16	ng		96
8) 2-Chlorophenol	7.46	128	269935	44.97	ng		94
9) Benzaldehyde	7.11	77	59087	15.29	ng		96
10) Phenol	7.33	94	274371	41.15	ng		92
11) bis(2-Chloroethyl)ether	7.41	93	237157	43.08	ng		95
12) 1,3-Dichlorobenzene	7.67	146	286037	42.01	ng		98
13) 1,4-Dichlorobenzene	7.80	146	290691	42.10	ng		98
14) 1,2-Dichlorobenzene	8.02	146	279367	43.34	ng		96
15) Benzyl Alcohol	8.05	79	215586	52.97	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.25	45	322083	41.34	ng		66
17) 2-Methylphenol	8.26	107	219679	44.72	ng	#	91
18) Hexachloroethane	8.54	117	96788	41.38	ng		89
19) n-Nitroso-di-n-propylamine	8.47	70	185678	43.39	ng		93
20) 3+4-Methylphenols	8.52	107	290769	43.56	ng	#	58
22) Acetophenone	8.44	105	373148	42.34	ng	#	84
24) Nitrobenzene	8.70	77	258617	42.35	ng		95
25) Isophorone	9.10	82	472851	45.46	ng	#	94
26) 2-Nitrophenol	9.20	139	150651	45.72	ng		99
27) 2,4-Dimethylphenol	9.34	122	243682	45.74	ng		97
28) bis(2-Chloroethoxy)methane	9.46	93	315083	43.79	ng		98
29) 2,4-Dichlorophenol	9.63	162	232569	46.24	ng		99
30) 1,2,4-Trichlorobenzene	9.71	180	227685	42.25	ng		99
31) Naphthalene	9.81	128	776249	42.04	ng		100
32) Benzoic acid	9.66	122	134987	39.59	ng		93
33) 4-Chloroaniline	9.97	127	131281	19.08	ng		93
34) Hexachlorobutadiene	10.03	225	113133	39.79	ng		96
35) Caprolactam	10.61	113	67488m	44.68	ng		
36) 4-Chloro-3-methylphenol	10.81	107	249650	46.42	ng		89
37) 2-Methylnaphthalene	10.94	142	541107	44.66	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.22	216	220443	42.15	ng		99
40) Hexachlorocyclopentadiene	11.19	237	152375	70.11	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.44	196	160324	45.91	ng		100
43) 2,4,5-Trichlorophenol	11.54	196	151868	40.47	ng		95
45) 1,1'-Biphenyl	11.71	154	626575	43.76	ng		98
46) 2-Chloronaphthalene	11.72	162	496056	42.91	ng		96
47) 2-Nitroaniline	11.95	65	138741	43.84	ng	#	76
48) Acenaphthylene	12.38	152	789256	43.58	ng		99
49) Dimethylphthalate	12.26	163	597242	42.78	ng		99
50) 2,6-Dinitrotoluene	12.35	165	133166	46.75	ng		98
51) Acenaphthene	12.67	154	466583	43.14	ng		99
52) 3-Nitroaniline	12.63	138	89299	29.21	ng		90
53) 2,4-Dinitrophenol	12.84	184	124128	79.19	ng	#	65
54) Dibenzofuran	12.95	168	731688	48.88	ng		99
55) 4-Nitrophenol	13.02	139	156952	85.48	ng	#	71
56) 2,4-Dinitrotoluene	13.02	165	188322	51.45	ng	#	88
57) Fluorene	13.51	166	592779	45.55	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.20	232	119137	50.44	ng		95
59) Diethylphthalate	13.41	149	592687	44.29	ng		99
60) 4-Chlorophenyl-phenylether	13.53	204	263120	46.00	ng		92
61) 4-Nitroaniline	13.64	138	120270	42.85	ng		96
62) Azobenzene	13.79	77	563355	52.39	ng		94
64) 4,6-Dinitro-2-methylphenol	13.69	198	91204	47.48	ng	#	66
65) n-Nitrosodiphenylamine	13.74	169	518443	49.85	ng		99
66) 4-Bromophenyl-phenylether	14.32	248	149066	49.24	ng		97
67) Hexachlorobenzene	14.41	284	148082	47.73	ng	#	87
68) Atrazine	14.67	200	148497	50.58	ng		97
69) Pentachlorophenol	14.77	266	116090	82.56	ng		99
70) Phenanthrene	15.06	178	809676	49.18	ng		98
71) Anthracene	15.14	178	849981	50.54	ng		98
72) Carbazole	15.42	167	776706	50.76	ng		97
73) Di-n-butylphthalate	15.98	149	885118	46.39	ng		99
74) Fluoranthene	16.80	202	848823	50.26	ng		99
76) Benzidine	17.03	184	74798	16.30	ng	#	93
77) Pyrene	17.10	202	867335	47.19	ng		99
79) Butylbenzylphthalate	17.99	149	415991	48.66	ng	#	87
80) Benzo(a)anthracene	18.68	228	642359	44.92	ng		98
81) 3,3'-Dichlorobenzidine	18.66	252	146639	29.69	ng	#	97
82) Chrysene	18.72	228	606698	43.87	ng		99
83) Bis(2-ethylhexyl)phthalate	18.74	149	592319	48.63	ng	#	99
84) Di-n-octyl phthalate	19.51	149	923452	46.25	ng		96
85) Indeno(1,2,3-cd)pyrene	21.69	276	409896	36.50	ng		99
87) Benzo(b)fluoranthene	19.95	252	444726	46.73	ng		98
88) Benzo(k)fluoranthene	19.98	252	516811m	56.30	ng		
89) Benzo(a)pyrene	20.31	252	411341	46.84	ng		99
90) Dibenzo(a,h)anthracene	21.69	278	327928	45.21	ng		98
91) Benzo(g,h,i)perylene	22.08	276	342527	48.13	ng		97

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

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