Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095384.D
Acq On : 24 May 2017 12:32
Operator : SJ/MA
Sample : PB99217BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 25 14:14:49 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

Instrument :
BNA_F
ClientSampleId :
PB99217BS

Manual Integrations APPROVED
mohammad
5/25/2017 5:59:57 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	101447	20.00	ng		-0.01
21) Naphthalene-d8	9.77	136	353142	20.00	ng		-0.02
38) Acenaphthene-d10	12.60	164	188586	20.00	ng		-0.02
63) Phenanthrene-d10	15.01	188	335003	20.00	ng		-0.02
75) Chrysene-d12	18.68	240	224808	20.00	ng		-0.02
86) Perylene-d12	20.36	264	169377	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	870113	143.00	ng		-0.01
7) Phenol-d6	7.31	99	973026	133.28	ng		0.00
23) Nitrobenzene-d5	8.66	82	571124	101.98	ng		-0.01
41) 2,4,6-Tribromophenol	13.91	330	212506	137.59	ng		-0.01
44) 2-Fluorobiphenyl	11.54	172	1132217	86.41	ng		-0.02
78) Terphenyl-d14	17.33	244	982681	96.28	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	95313	31.94	ng		98
3) Pyridine	2.98	79	213688	30.90	ng		98
4) n-Nitrosodimethylamine	2.89	42	96576	33.50	ng	#	86
6) Aniline	7.27	93	338324	36.71	ng		94
8) 2-Chlorophenol	7.45	128	315064	45.49	ng		95
9) Benzaldehyde	7.10	77	57766	12.96	ng		97
10) Phenol	7.32	94	318637	41.42	ng		90
11) bis(2-Chloroethyl)ether	7.39	93	276059	43.46	ng		96
12) 1,3-Dichlorobenzene	7.66	146	328342	41.79	ng		98
13) 1,4-Dichlorobenzene	7.78	146	337258	42.33	ng		96
14) 1,2-Dichlorobenzene	8.01	146	316644	42.58	ng		95
15) Benzyl Alcohol	8.05	79	251031	53.46	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.24	45	356631	39.67	ng		94
17) 2-Methylphenol	8.25	107	246503	43.49	ng	#	90
18) Hexachloroethane	8.52	117	106871	39.60	ng	#	85
19) n-Nitroso-di-n-propylamine	8.46	70	207755	42.08	ng		95
20) 3+4-Methylphenols	8.51	107	325241	42.23	ng	#	56
22) Acetophenone	8.43	105	410315	48.43	ng	#	83
24) Nitrobenzene	8.69	77	299370	51.00	ng		92
25) Isophorone	9.09	82	520980	52.10	ng	#	94
26) 2-Nitrophenol	9.20	139	169362	53.47	ng		97
27) 2,4-Dimethylphenol	9.33	122	270056	52.73	ng		98
28) bis(2-Chloroethoxy)methane	9.45	93	337953	48.85	ng		99
29) 2,4-Dichlorophenol	9.62	162	254373	52.61	ng		99
30) 1,2,4-Trichlorobenzene	9.70	180	253559	48.95	ng		99
31) Naphthalene	9.80	128	748731	42.18	ng		100
32) Benzoic acid	9.67	122	144500	43.51	ng		95
33) 4-Chloroaniline	9.97	127	105204	15.91	ng	#	93
34) Hexachlorobutadiene	10.01	225	122502	44.82	ng		98
35) Caprolactam	10.60	113	73247m	50.45	ng		
36) 4-Chloro-3-methylphenol	10.81	107	254108	49.15	ng		91
37) 2-Methylnaphthalene	10.93	142	597442	51.29	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	243000	41.90	ng		98
40) Hexachlorocyclopentadiene	11.18	237	151639	63.54	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.43	196	175473	45.32	ng		99
43) 2,4,5-Trichlorophenol	11.53	196	165470	39.76	ng		95
45) 1,1'-Biphenyl	11.69	154	686609	43.24	ng		98
46) 2-Chloronaphthalene	11.71	162	531148	41.43	ng		96
47) 2-Nitroaniline	11.94	65	146076	41.63	ng	#	84
48) Acenaphthylene	12.37	152	876951	43.67	ng		97
49) Dimethylphthalate	12.25	163	619448	40.01	ng		99
50) 2,6-Dinitrotoluene	12.34	165	142683	45.17	ng		95
51) Acenaphthene	12.65	154	501239	41.79	ng		98
52) 3-Nitroaniline	12.62	138	98430	29.04	ng		91
53) 2,4-Dinitrophenol	12.83	184	101581	60.08	ng	#	64
54) Dibenzofuran	12.94	168	787581	47.45	ng		98
55) 4-Nitrophenol	13.02	139	166171	81.61	ng	#	80
56) 2,4-Dinitrotoluene	13.01	165	195431	48.15	ng	#	89
57) Fluorene	13.49	166	627232	43.46	ng		100
58) 2,3,4,6-Tetrachlorophenol	13.19	232	132815	50.71	ng	#	93
59) Diethylphthalate	13.39	149	624547	42.09	ng		99
60) 4-Chlorophenyl-phenylether	13.52	204	269861	42.55	ng		90
61) 4-Nitroaniline	13.62	138	126115	40.52	ng		97
62) Azobenzene	13.78	77	589666	49.45	ng		93
64) 4,6-Dinitro-2-methylphenol	13.69	198	89551	39.88	ng	#	66
65) n-Nitrosodiphenylamine	13.73	169	535534	44.05	ng		99
66) 4-Bromophenyl-phenylether	14.31	248	153936	43.49	ng		96
67) Hexachlorobenzene	14.39	284	157459	43.41	ng	#	89
68) Atrazine	14.65	200	150871	43.95	ng		96
69) Pentachlorophenol	14.75	266	108924	67.41	ng		98
70) Phenanthrene	15.04	178	867983	45.09	ng		98
71) Anthracene	15.13	178	912601	46.42	ng		98
72) Carbazole	15.41	167	813077	45.45	ng		97
73) Di-n-butylphthalate	15.97	149	994944	44.60	ng		99
74) Fluoranthene	16.79	202	895900	45.37	ng		100
76) Benzidine	17.02	184	233706	39.75	ng	#	93
77) Pyrene	17.09	202	890578	52.97	ng		98
79) Butylbenzylphthalate	17.98	149	378761	48.43	ng		88
80) Benzo(a)anthracene	18.67	228	591115	45.18	ng		98
81) 3,3'-Dichlorobenzidine	18.65	252	116078	25.69	ng	#	97
82) Chrysene	18.71	228	571112	45.14	ng		98
83) Bis(2-ethylhexyl)phthalate	18.72	149	484960	43.52	ng	#	99
84) Di-n-octyl phthalate	19.49	149	700277	38.33	ng		95
85) Indeno(1,2,3-cd)pyrene	21.68	276	519638	50.58	ng		99
87) Benzo(b)fluoranthene	19.94	252	425987	40.70	ng		97
88) Benzo(k)fluoranthene	19.97	252	474259	46.98	ng		96
89) Benzo(a)pyrene	20.30	252	441877	45.75	ng		99
90) Dibenzo(a,h)anthracene	21.68	278	427375	53.58	ng		99
91) Benzo(g,h,i)perylene	22.06	276	456853	58.37	ng		98

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

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