Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095159.D
Acq On : 16 May 2017 16:39
Operator : SJ/MA
Sample : PB98998BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB98998BS

Manual Integrations APPROVED
mohammad
5/17/2017 5:48:18 PM

Quant Time: May 17 07:15:35 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	7.78	152	84401	20.00	ng		0.05
21) Naphthalene-d8	9.79	136	391013	20.00	ng		0.04
38) Acenaphthene-d10	12.62	164	181630	20.00	ng		0.04
63) Phenanthrene-d10	15.02	188	333079	20.00	ng		0.04
75) Chrysene-d12	18.69	240	205876	20.00	ng		0.04
86) Perylene-d12	20.37	264	135417	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.77	112	681588	134.64	ng		0.09
7) Phenol-d6	7.33	99	815551	134.27	ng		0.05
23) Nitrobenzene-d5	8.68	82	484237	78.09	ng		0.05
41) 2,4,6-Tribromophenol	13.92	330	200447	134.76	ng		0.04
44) 2-Fluorobiphenyl	11.57	172	1099814	87.16	ng		0.04
78) Terphenyl-d14	17.35	244	972950	104.09	ng		0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	85371	34.39	ng		92
3) Pyridine	3.04	79	220537m	38.33	ng		
4) n-Nitrosodimethylamine	2.96	42	92927m	38.74	ng		
6) Aniline	7.29	93	223493	29.15	ng		95
8) 2-Chlorophenol	7.48	128	254734	44.21	ng		94
9) Benzaldehyde	7.11	77	94493	25.48	ng		95
10) Phenol	7.35	94	270757	42.30	ng		89
11) bis(2-Chloroethyl)ether	7.42	93	223246	42.25	ng		97
12) 1,3-Dichlorobenzene	7.68	146	262578	40.17	ng		99
13) 1,4-Dichlorobenzene	7.81	146	270811	40.86	ng		97
14) 1,2-Dichlorobenzene	8.04	146	257915	41.69	ng		96
15) Benzyl Alcohol	8.07	79	198816	50.89	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.26	45	290629	38.86	ng		89
17) 2-Methylphenol	8.27	107	202719	42.99	ng		92
18) Hexachloroethane	8.55	117	89234	39.74	ng	#	87
19) n-Nitroso-di-n-propylamine	8.48	70	174686	42.52	ng		92
20) 3+4-Methylphenols	8.53	107	272219	42.48	ng	#	59
22) Acetophenone	8.45	105	348233	37.12	ng	#	83
24) Nitrobenzene	8.71	77	241866	37.21	ng		95
25) Isophorone	9.11	82	443328	40.04	ng	#	94
26) 2-Nitrophenol	9.21	139	142024	40.50	ng		98
27) 2,4-Dimethylphenol	9.35	122	229005	40.39	ng		98
28) bis(2-Chloroethoxy)methane	9.47	93	296896	38.76	ng		98
29) 2,4-Dichlorophenol	9.63	162	241284	45.07	ng		97
30) 1,2,4-Trichlorobenzene	9.72	180	234692	40.92	ng		99
31) Naphthalene	9.82	128	797108	40.56	ng		100
32) Benzoic acid	9.65	122	118005	33.42	ng		96
33) 4-Chloroaniline	9.99	127	79868	10.91	ng	#	92
34) Hexachlorobutadiene	10.04	225	117772	38.91	ng		97
35) Caprolactam	10.61	113	74241m	46.18	ng		
36) 4-Chloro-3-methylphenol	10.82	107	256872	44.87	ng		87
37) 2-Methylnaphthalene	10.95	142	554069	42.96	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.23	216	223771	40.06	ng		99
40) Hexachlorocyclopentadiene	11.21	237	160663	69.30	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.45	196	165060	44.26	ng		100
43) 2,4,5-Trichlorophenol	11.54	196	158154	39.46	ng		94
45) 1,1'-Biphenyl	11.72	154	594270	38.86	ng		98
46) 2-Chloronaphthalene	11.74	162	465200	37.67	ng		95
47) 2-Nitroaniline	11.95	65	140132	41.46	ng	#	81
48) Acenaphthylene	12.40	152	753536	38.96	ng		98
49) Dimethylphthalate	12.27	163	617327	41.40	ng		99
50) 2,6-Dinitrotoluene	12.36	165	135735	44.62	ng		96
51) Acenaphthene	12.68	154	478476	41.42	ng		98
52) 3-Nitroaniline	12.64	138	64421	19.73	ng		87
53) 2,4-Dinitrophenol	12.84	184	112199	67.98	ng	#	65
54) Dibenzofuran	12.97	168	666525	41.70	ng		97
55) 4-Nitrophenol	13.02	139	147454	75.19	ng	#	74
56) 2,4-Dinitrotoluene	13.03	165	166661	42.64	ng	#	89
57) Fluorene	13.52	166	598058	43.03	ng		100
58) 2,3,4,6-Tetrachlorophenol	13.21	232	122265	48.47	ng	#	94
59) Diethylphthalate	13.41	149	589696	41.26	ng		99
60) 4-Chlorophenyl-phenylether	13.54	204	267553	43.80	ng		89
61) 4-Nitroaniline	13.64	138	109060	36.39	ng		96
62) Azobenzene	13.80	77	513726	44.73	ng		94
64) 4,6-Dinitro-2-methylphenol	13.70	198	89026	39.87	ng	#	70
65) n-Nitrosodiphenylamine	13.75	169	461398	38.17	ng		99
66) 4-Bromophenyl-phenylether	14.33	248	142066	40.37	ng		97
67) Hexachlorobenzene	14.42	284	146595	40.65	ng	#	90
68) Atrazine	14.67	200	152877	44.79	ng		98
69) Pentachlorophenol	14.77	266	106828	66.58	ng		96
70) Phenanthrene	15.07	178	821564	42.93	ng		99
71) Anthracene	15.15	178	849630	43.46	ng		98
72) Carbazole	15.43	167	740063	41.61	ng		98
73) Di-n-butylphthalate	15.99	149	972255	43.83	ng		98
74) Fluoranthene	16.81	202	834407	42.50	ng		99
76) Benzidine	17.02	184	161675	31.64	ng		95
77) Pyrene	17.11	202	841023	54.62	ng		100
79) Butylbenzylphthalate	18.01	149	329121	45.96	ng		93
80) Benzo(a)anthracene	18.68	228	524026	43.74	ng		99
81) 3,3'-Dichlorobenzidine	18.67	252	88793	21.46	ng	#	94
82) Chrysene	18.73	228	486822	42.02	ng		99
83) Bis(2-ethylhexyl)phthalate	18.75	149	471109	46.17	ng	#	98
84) Di-n-octyl phthalate	19.51	149	721942	43.15	ng		95
85) Indeno(1,2,3-cd)pyrene	21.69	276	360685	38.34	ng		99
87) Benzo(b)fluoranthene	19.96	252	371994	44.46	ng		98
88) Benzo(k)fluoranthene	19.99	252	394230	48.84	ng	#	93
89) Benzo(a)pyrene	20.31	252	341687	44.25	ng		99
90) Dibenzo(a,h)anthracene	21.70	278	289300	45.37	ng		99
91) Benzo(g,h,i)perylene	22.08	276	307814	49.19	ng		96

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

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