Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
Data File : BF095026.D
Acq On : 9 May 2017 17:26
Operator : SJ/MA
Sample : PB98769BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB98769BS

Manual Integrations APPROVED
mohammad
5/10/2017 11:47:07 AM

Quant Time: May 10 01:38:35 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	7.71	152	98412	20.00	ng		-0.02
21) Naphthalene-d8	9.73	136	413678	20.00	ng		-0.02
38) Acenaphthene-d10	12.56	164	191149	20.00	ng		-0.02
63) Phenanthrene-d10	14.96	188	308493	20.00	ng		-0.02
75) Chrysene-d12	18.63	240	280588	20.00	ng		-0.02
86) Perylene-d12	20.29	264	203195	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	665595	112.76	ng		-0.01
7) Phenol-d6	7.26	99	870825	122.96	ng		-0.02
23) Nitrobenzene-d5	8.62	82	515708	78.61	ng		-0.02
41) 2,4,6-Tribromophenol	13.86	330	185341	118.39	ng		-0.02
44) 2-Fluorobiphenyl	11.51	172	1025541	77.22	ng		-0.02
78) Terphenyl-d14	17.29	244	940121	73.80	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.14	88	91753	31.69	ng		95
3) Pyridine	2.82	79	207002	30.85	ng		96
4) n-Nitrosodimethylamine	2.74	42	97019	34.69	ng	#	78
6) Aniline	7.22	93	169488	18.96	ng		95
8) 2-Chlorophenol	7.40	128	280751	41.79	ng		97
9) Benzaldehyde	7.05	77	29768	6.88	ng		99
10) Phenol	7.28	94	308623	41.35	ng		89
11) bis(2-Chloroethyl)ether	7.35	93	239794	38.92	ng		96
12) 1,3-Dichlorobenzene	7.62	146	290608	38.13	ng		99
13) 1,4-Dichlorobenzene	7.74	146	295218	38.20	ng		96
14) 1,2-Dichlorobenzene	7.97	146	279473	38.74	ng		96
15) Benzyl Alcohol	8.00	79	217320	47.71	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	324500	37.21	ng		70
17) 2-Methylphenol	8.21	107	220047	40.02	ng		94
18) Hexachloroethane	8.50	117	97691	37.31	ng		89
19) n-Nitroso-di-n-propylamine	8.42	70	188286	39.31	ng		91
20) 3+4-Methylphenols	8.48	107	297996	39.89	ng	#	61
22) Acetophenone	8.38	105	381001	38.39	ng	#	84
24) Nitrobenzene	8.64	77	267151	38.85	ng		94
25) Isophorone	9.04	82	477872	40.79	ng		96
26) 2-Nitrophenol	9.15	139	151315	40.78	ng		99
27) 2,4-Dimethylphenol	9.28	122	248889	41.49	ng		98
28) bis(2-Chloroethoxy)methane	9.41	93	313809	38.72	ng		99
29) 2,4-Dichlorophenol	9.57	162	241268	42.59	ng		96
30) 1,2,4-Trichlorobenzene	9.66	180	229469	37.81	ng		98
31) Naphthalene	9.77	128	779598	37.50	ng		99
32) Benzoic acid	9.60	122	125901	33.66	ng		97
33) 4-Chloroaniline	9.93	127	53687	6.93	ng	#	90
34) Hexachlorobutadiene	9.98	225	116086	36.25	ng		98
35) Caprolactam	10.54	113	75056m	44.13	ng		
36) 4-Chloro-3-methylphenol	10.76	107	247623	40.89	ng		88
37) 2-Methylnaphthalene	10.89	142	544321	39.89	ng		97
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	209217	35.59	ng		99
40) Hexachlorocyclopentadiene	11.15	237	170333	69.76	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	156579	39.89	ng		96
43) 2,4,5-Trichlorophenol	11.48	196	162374	38.49	ng	#	93
45) 1,1'-Biphenyl	11.66	154	617587	38.37	ng		99
46) 2-Chloronaphthalene	11.67	162	493294	37.96	ng		95
47) 2-Nitroaniline	11.88	65	127661	35.89	ng	#	82
48) Acenaphthylene	12.33	152	801147	39.36	ng		99
49) Dimethylphthalate	12.21	163	597628	38.08	ng		100
50) 2,6-Dinitrotoluene	12.30	165	129628	40.49	ng		92
51) Acenaphthene	12.61	154	472998	38.91	ng		99
52) 3-Nitroaniline	12.57	138	62165	18.09	ng		89
53) 2,4-Dinitrophenol	12.77	184	102317	59.74	ng	#	66
54) Dibenzofuran	12.90	168	703448	41.81	ng		98
55) 4-Nitrophenol	12.94	139	184031	89.17	ng	#	72
56) 2,4-Dinitrotoluene	12.96	165	178369	43.36	ng	#	88
57) Fluorene	13.46	166	582905	39.85	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.14	232	124607	46.94	ng		95
59) Diethylphthalate	13.35	149	562565	37.40	ng		99
60) 4-Chlorophenyl-phenylether	13.48	204	256324	39.87	ng		88
61) 4-Nitroaniline	13.57	138	123924	39.29	ng		96
62) Azobenzene	13.74	77	497031	41.12	ng		94
64) 4,6-Dinitro-2-methylphenol	13.62	198	81236	39.28	ng	#	68
65) n-Nitrosodiphenylamine	13.69	169	451616	40.34	ng		98
66) 4-Bromophenyl-phenylether	14.27	248	142675	43.78	ng		97
67) Hexachlorobenzene	14.35	284	141794	42.45	ng	#	85
68) Atrazine	14.61	200	146315	46.28	ng		98
69) Pentachlorophenol	14.70	266	115417	76.69	ng		94
70) Phenanthrene	15.00	178	706813	39.88	ng		99
71) Anthracene	15.08	178	739752	40.86	ng		99
72) Carbazole	15.37	167	692335	42.03	ng		98
73) Di-n-butylphthalate	15.93	149	890082	43.33	ng		100
74) Fluoranthene	16.74	202	845779	46.52	ng		99
76) Benzidine	16.96	184	220239	31.63	ng	#	93
77) Pyrene	17.04	202	865172	41.23	ng		99
79) Butylbenzylphthalate	17.95	149	400209	41.00	ng		89
80) Benzo(a)anthracene	18.62	228	664689	40.70	ng		99
81) 3,3'-Dichlorobenzidine	18.60	252	138421	24.54	ng	#	95
82) Chrysene	18.67	228	613010	38.82	ng		100
83) Bis(2-ethylhexyl)phthalate	18.69	149	569197	40.93	ng	#	100
84) Di-n-octyl phthalate	19.46	149	876916	38.46	ng		96
85) Indeno(1,2,3-cd)pyrene	21.58	276	447926	34.93	ng		99
87) Benzo(b)fluoranthene	19.89	252	476220	37.93	ng		98
88) Benzo(k)fluoranthene	19.92	252	474121	39.15	ng	#	94
89) Benzo(a)pyrene	20.24	252	480520	41.47	ng		98
90) Dibenzo(a,h)anthracene	21.59	278	367288	38.39	ng		98
91) Benzo(g,h,i)perylene	21.95	276	351719	37.46	ng		98

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

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