Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071217\
Data File : BF096689.D
Acq On : 12 Jul 2017 14:03
Operator : SJ/JU
Sample : PB100575BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB100575BS

Manual Integrations APPROVED
mohammad
7/13/2017 1:37:39 PM

Quant Time: Jul 12 16:09:47 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	98226	20.00	ng		-0.03
21) Naphthalene-d8	7.95	136	429231	20.00	ng		-0.04
38) Acenaphthene-d10	9.70	164	222336	20.00	ng		-0.03
63) Phenanthrene-d10	11.18	188	368554	20.00	ng		-0.03
75) Chrysene-d12	13.82	240	217498	20.00	ng		-0.03
86) Perylene-d12	15.20	264	187307	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	906065	136.15	ng		-0.02
7) Phenol-d6	6.32	99	1139249	139.25	ng		-0.03
23) Nitrobenzene-d5	7.23	82	591516	82.81	ng		-0.04
41) 2,4,6-Tribromophenol	10.49	330	214254	123.37	ng		-0.03
44) 2-Fluorobiphenyl	9.03	172	1227115	94.37	ng		-0.03
78) Terphenyl-d14	12.77	244	896362	88.06	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	129223	40.950	ng	#	78
3) Pyridine	3.06	79	337060	38.929	ng	#	66
4) n-Nitrosodimethylamine	2.99	42	206265	48.265	ng		83
6) Aniline	6.33	93	296580	28.047	ng	#	18
8) 2-Chlorophenol	6.46	128	299223	42.163	ng		96
9) Benzaldehyde	6.21	77	197721	38.615	ng		96
10) Phenol	6.33	94	399886	42.903	ng		79
11) bis(2-Chloroethyl)ether	6.41	93	336288	46.687	ng		91
12) 1,3-Dichlorobenzene	6.61	146	313104	42.077	ng		99
13) 1,4-Dichlorobenzene	6.69	146	315708	42.448	ng		96
14) 1,2-Dichlorobenzene	6.84	146	293585	42.991	ng		98
15) Benzyl Alcohol	6.82	79	238842	43.672	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	600839	41.031	ng		92
17) 2-Methylphenol	6.93	107	245317	43.374	ng		97
18) Hexachloroethane	7.18	117	117032	43.403	ng	#	82
19) n-Nitroso-di-n-propylamine	7.09	70	199643	40.961	ng	#	82
20) 3+4-Methylphenols	7.09	107	298474	47.314	ng	#	85
22) Acetophenone	7.08	105	397760	42.411	ng	#	96
24) Nitrobenzene	7.25	77	301049	40.175	ng		92
25) Isophorone	7.50	82	650383	46.960	ng		96
26) 2-Nitrophenol	7.57	139	181436	45.745	ng	#	89
27) 2,4-Dimethylphenol	7.62	122	303326	44.914	ng		97
28) bis(2-Chloroethoxy)methane	7.70	93	447842	48.985	ng		99
29) 2,4-Dichlorophenol	7.82	162	263733	45.262	ng		98
30) 1,2,4-Trichlorobenzene	7.89	180	241389	43.917	ng		97
31) Naphthalene	7.97	128	900758	44.452	ng		99
32) Benzoic acid	7.73	122	94643	16.686	ng		91
33) 4-Chloroaniline	8.02	127	170122	20.212	ng		96
34) Hexachlorobutadiene	8.10	225	129393	45.898	ng		99
35) Caprolactam	8.40	113	108090m	53.796	ng		
36) 4-Chloro-3-methylphenol	8.52	107	327097	50.733	ng		88
37) 2-Methylnaphthalene	8.66	142	702907	54.494	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	235286	40.756	ng		99
40) Hexachlorocyclopentadiene	8.82	237	214023	76.246	ng		97

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	192768	42.210	ng		97
43) 2,4,5-Trichlorophenol	8.99	196	201066	44.528	ng		94
45) 1,1'-Biphenyl	9.13	154	774585	40.660	ng		98
46) 2-Chloronaphthalene	9.15	162	605309	42.637	ng		93
47) 2-Nitroaniline	9.25	65	231841	44.880	ng		97
48) Acenaphthylene	9.56	152	968348	43.046	ng		99
49) Dimethylphthalate	9.43	163	746529	44.978	ng		99
50) 2,6-Dinitrotoluene	9.49	165	164226	44.744	ng	#	79
51) Acenaphthene	9.74	154	556123	40.106	ng		99
52) 3-Nitroaniline	9.66	138	123432	26.963	ng		87
53) 2,4-Dinitrophenol	9.77	184	95456	48.966	ng	#	75
54) Dibenzofuran	9.91	168	830608	45.370	ng		99
55) 4-Nitrophenol	9.83	139	292897	77.193	ng	#	63
56) 2,4-Dinitrotoluene	9.90	165	213995	46.041	ng	#	75
57) Fluorene	10.25	166	534127	41.310	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	143408	45.904	ng		99
59) Diethylphthalate	10.13	149	615492	39.233	ng		100
60) 4-Chlorophenyl-phenylether	10.25	204	225830	40.143	ng		95
61) 4-Nitroaniline	10.27	138	165600	39.783	ng		91
62) Azobenzene	10.40	77	591981	39.024	ng		93
64) 4,6-Dinitro-2-methylphenol	10.31	198	71162	27.997	ng	#	72
65) n-Nitrosodiphenylamine	10.36	169	509491	39.400	ng		97
66) 4-Bromophenyl-phenylether	10.73	248	149174	41.579	ng		97
67) Hexachlorobenzene	10.80	284	159865	40.705	ng	#	92
68) Atrazine	10.90	200	156804	42.444	ng		94
69) Pentachlorophenol	11.00	266	139808	60.063	ng		98
70) Phenanthrene	11.21	178	909121	45.631	ng		99
71) Anthracene	11.26	178	936019	46.104	ng		99
72) Carbazole	11.42	167	913878	44.759	ng		99
73) Di-n-butylphthalate	11.75	149	1049180	42.425	ng		99
74) Fluoranthene	12.39	202	833346	42.662	ng		99
76) Benzidine	12.51	184	227518	21.801	ng	#	93
77) Pyrene	12.62	202	921975	52.811	ng		100
79) Butylbenzylphthalate	13.24	149	413581	46.798	ng	#	86
80) Benzo(a)anthracene	13.80	228	581709	46.186	ng		98
81) 3,3'-Dichlorobenzidine	13.76	252	134221	25.946	ng		98
82) Chrysene	13.84	228	596524	45.227	ng		99
83) Bis(2-ethylhexyl)phthalate	13.81	149	477750	48.430	ng		99
84) Di-n-octyl phthalate	14.42	149	856546	44.092	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.54	276	477795	45.893	ng		96
87) Benzo(b)fluoranthene	14.82	252	515638	43.934	ng		98
88) Benzo(k)fluoranthene	14.84	252	488300m	46.511	ng		
89) Benzo(a)pyrene	15.15	252	484095	46.199	ng		99
90) Dibenzo(a,h)anthracene	16.55	278	389643	47.268	ng	#	94
91) Benzo(g,h,i)perylene	16.94	276	420569	49.236	ng		98

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

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