Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
Data File : BF089199.D
Acq On : 22 Jul 2016 17:06
Operator : UM/SJ
Sample : PB92344BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB92344BS

Manual Integrations APPROVED
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7/25/2016 6:41:25 PM

Quant Time: Jul 25 10:56:23 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	47112	20.00	ng		-0.02
21) Naphthalene-d8	7.87	136	192716	20.00	ng		-0.01
38) Acenaphthene-d10	9.61	164	93023	20.00	ng		-0.02
63) Phenanthrene-d10	11.08	188	187862	20.00	ng		-0.02
75) Chrysene-d12	13.71	240	134420	20.00	ng		-0.01
86) Perylene-d12	15.05	264	103308	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	391797	126.48	ng		-0.01
7) Phenol-d6	6.25	99	503783	126.11	ng		-0.02
23) Nitrobenzene-d5	7.15	82	317002	87.40	ng		-0.02
41) 2,4,6-Tribromophenol	10.41	330	115130	137.47	ng		-0.01
44) 2-Fluorobiphenyl	8.95	172	582075	86.21	ng		-0.02
78) Terphenyl-d14	12.67	244	571695	92.25	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	42871	31.87	ng	#	87
3) Pyridine	2.71	79	108074	31.63	ng		99
4) n-Nitrosodimethylamine	2.67	42	50012	34.77	ng		97
6) Aniline	6.25	93	134853	24.99	ng	#	64
8) 2-Chlorophenol	6.38	128	143662	41.79	ng		100
9) Benzaldehyde	6.12	77	32671	13.09	ng		96
10) Phenol	6.26	94	193132	41.96	ng		95
11) bis(2-Chloroethyl)ether	6.33	93	150437	43.52	ng		95
12) 1,3-Dichlorobenzene	6.52	146	136675	36.01	ng	#	90
13) 1,4-Dichlorobenzene	6.60	146	147196	38.50	ng		92
14) 1,2-Dichlorobenzene	6.75	146	149397	41.45	ng		99
15) Benzyl Alcohol	6.74	79	126846	43.36	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.88	45	159369	40.47	ng	#	56
17) 2-Methylphenol	6.87	107	114668	42.35	ng		97
18) Hexachloroethane	7.08	117	56610	39.40	ng		98
19) n-Nitroso-di-n-propylamine	7.02	70	108498	41.53	ng		98
20) 3+4-Methylphenols	7.03	107	152957	41.61	ng		94
22) Acetophenone	7.00	105	213280	41.44	ng	#	99
24) Nitrobenzene	7.18	77	159351	41.66	ng		97
25) Isophorone	7.42	82	288288	43.13	ng		99
26) 2-Nitrophenol	7.50	139	74857	41.96	ng	#	79
27) 2,4-Dimethylphenol	7.54	122	118261	39.34	ng		97
28) bis(2-Chloroethoxy)methane	7.63	93	179861	43.02	ng		100
29) 2,4-Dichlorophenol	7.74	162	116260	42.92	ng		98
30) 1,2,4-Trichlorobenzene	7.82	180	125933	41.99	ng		98
31) Naphthalene	7.88	128	393108m	37.79	ng		
32) Benzoic acid	7.70	122	87040	37.65	ng		86
33) 4-Chloroaniline	7.95	127	101994	23.32	ng		96
34) Hexachlorobutadiene	8.01	225	63328	37.94	ng		99
35) Caprolactam	8.33	113	35991m	42.78	ng		
36) 4-Chloro-3-methylphenol	8.44	107	140629	43.09	ng		96
37) 2-Methylnaphthalene	8.58	142	281085	42.37	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	119132	34.46	ng		98
40) Hexachlorocyclopentadiene	8.73	237	94158	81.20	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	79062	40.85	ng		98
43) 2,4,5-Trichlorophenol	8.91	196	93445	48.11	ng	#	92
45) 1,1'-Biphenyl	9.05	154	336814	40.21	ng		96
46) 2-Chloronaphthalene	9.06	162	259438	40.76	ng		99
47) 2-Nitroaniline	9.18	65	91151	41.74	ng	#	79
48) Acenaphthylene	9.47	152	408218	40.79	ng		99
49) Dimethylphthalate	9.36	163	321395	45.02	ng		99
50) 2,6-Dinitrotoluene	9.42	165	69551	43.16	ng	#	67
51) Acenaphthene	9.64	154	233452	39.43	ng		99
52) 3-Nitroaniline	9.59	138	53096	27.74	ng		87
53) 2,4-Dinitrophenol	9.70	184	65379	79.59	ng		90
54) Dibenzofuran	9.83	168	374800	46.85	ng		93
55) 4-Nitrophenol	9.78	139	80436	69.46	ng		92
56) 2,4-Dinitrotoluene	9.83	165	97670	47.05	ng	#	72
57) Fluorene	10.16	166	281948	41.52	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.95	232	71162	51.01	ng		97
59) Diethylphthalate	10.06	149	347762	49.13	ng		99
60) 4-Chlorophenyl-phenylether	10.16	204	138228	44.59	ng	#	82
61) 4-Nitroaniline	10.20	138	78582	42.20	ng		96
62) Azobenzene	10.32	77	382623	49.74	ng		93
64) 4,6-Dinitro-2-methylphenol	10.23	198	47085	43.05	ng	#	43
65) n-Nitrosodiphenylamine	10.28	169	279270	44.48	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	80869	43.50	ng	#	83
67) Hexachlorobenzene	10.71	284	84817	42.42	ng	#	80
68) Atrazine	10.81	200	80654	41.08	ng		98
69) Pentachlorophenol	10.90	266	81152	87.97	ng		99
70) Phenanthrene	11.12	178	447749	43.45	ng		99
71) Anthracene	11.16	178	483602	45.15	ng		100
72) Carbazole	11.32	167	409552	43.53	ng		99
73) Di-n-butylphthalate	11.67	149	557322	47.89	ng		99
74) Fluoranthene	12.30	202	475746	43.92	ng		93
76) Benzidine	12.42	184	166670	36.07	ng		98
77) Pyrene	12.51	202	444450	40.04	ng		99
79) Butylbenzylphthalate	13.15	149	224570	47.82	ng		84
80) Benzo(a)anthracene	13.70	228	353372m	41.28	ng		
81) 3,3'-Dichlorobenzidine	13.67	252	84666	29.81	ng	#	97
82) Chrysene	13.74	228	347720m	42.52	ng		
83) Bis(2-ethylhexyl)phthalate	13.71	149	296192	47.55	ng		97
84) Di-n-octyl phthalate	14.32	149	446542	43.45	ng		97
85) Indeno(1,2,3-cd)pyrene	16.27	276	250622	42.20	ng		100
87) Benzo(b)fluoranthene	14.70	252	294931m	39.42	ng		
88) Benzo(k)fluoranthene	14.72	252	274095m	51.23	ng		
89) Benzo(a)pyrene	15.01	252	274583	47.27	ng	#	95
90) Dibenzo(a,h)anthracene	16.29	278	211600	46.14	ng	#	96
91) Benzo(g,h,i)perylene	16.64	276	207254	44.82	ng		99

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

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