Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
Data File : BF096947.D
Acq On : 21 Jul 2017 16:40
Operator : SJ/JU
Sample : PB100830BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB100830BS

Manual Integrations APPROVED
Sohil
7/24/2017 3:05:14 PM

Quant Time: Jul 22 01:03:46 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	108685	20.00	ng		-0.04
21) Naphthalene-d8	7.84	136	469598	20.00	ng		-0.05
38) Acenaphthene-d10	9.59	164	198285	20.00	ng		-0.05
63) Phenanthrene-d10	11.06	188	329344	20.00	ng		-0.04
75) Chrysene-d12	13.69	240	174208	20.00	ng		-0.05
86) Perylene-d12	15.04	264	207505	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.17	112	915346	126.63	ng		-0.03
7) Phenol-d6	6.22	99	1114118	128.44	ng		-0.04
23) Nitrobenzene-d5	7.13	82	678852	89.54	ng		-0.04
41) 2,4,6-Tribromophenol	10.38	330	213431	126.10	ng		-0.04
44) 2-Fluorobiphenyl	8.92	172	1172525	93.43	ng		-0.04
78) Terphenyl-d14	12.65	244	851979	84.82	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	111265	29.915	ng	#	73
3) Pyridine	2.82	79	351743	44.999	ng	#	66
4) n-Nitrosodimethylamine	2.76	42	181418	41.502	ng		81
6) Aniline	6.22	93	290360	27.175	ng	#	52
8) 2-Chlorophenol	6.35	128	324153	41.569	ng		95
9) Benzaldehyde	6.10	77	142212	28.365	ng		96
10) Phenol	6.23	94	401746	40.970	ng		91
11) bis(2-Chloroethyl)ether	6.30	93	313167	42.469	ng		90
12) 1,3-Dichlorobenzene	6.49	146	338293	40.812	ng		98
13) 1,4-Dichlorobenzene	6.57	146	340603	40.575	ng		96
14) 1,2-Dichlorobenzene	6.73	146	306244	40.110	ng		97
15) Benzyl Alcohol	6.71	79	247705	43.618	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.85	45	658001	43.238	ng		98
17) 2-Methylphenol	6.83	107	265973	43.861	ng		95
18) Hexachloroethane	7.06	117	121207	40.720	ng	#	80
19) n-Nitroso-di-n-propylamine	6.99	70	222899	42.653	ng	#	84
20) 3+4-Methylphenols	6.99	107	337044	45.803	ng	#	65
22) Acetophenone	6.97	105	448695	42.750	ng		97
24) Nitrobenzene	7.15	77	332006	42.343	ng		90
25) Isophorone	7.39	82	623568	44.214	ng		96
26) 2-Nitrophenol	7.46	139	184243	42.259	ng	#	84
27) 2,4-Dimethylphenol	7.52	122	308530	43.015	ng		96
28) bis(2-Chloroethoxy)methane	7.60	93	419485	44.016	ng		99
29) 2,4-Dichlorophenol	7.71	162	280235	43.163	ng		98
30) 1,2,4-Trichlorobenzene	7.79	180	251317	40.712	ng		96
31) Naphthalene	7.86	128	948097	42.619	ng		99
32) Benzoic acid	7.67	122	197441	43.069	ng		94
33) 4-Chloroaniline	7.92	127	185088	21.000	ng		95
34) Hexachlorobutadiene	7.99	225	133403	40.482	ng		99
35) Caprolactam	8.29	113	98943m	47.561	ng		
36) 4-Chloro-3-methylphenol	8.42	107	298987	42.828	ng		88
37) 2-Methylnaphthalene	8.55	142	646515	45.585	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	228703	42.668	ng		99
40) Hexachlorocyclopentadiene	8.71	237	89153	46.452	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	171288	43.322	ng		96
43) 2,4,5-Trichlorophenol	8.88	196	181065	45.408	ng		100
45) 1,1'-Biphenyl	9.02	154	721903	42.451	ng		98
46) 2-Chloronaphthalene	9.04	162	561432	44.835	ng		93
47) 2-Nitroaniline	9.14	65	207930	48.307	ng		94
48) Acenaphthylene	9.45	152	783490	39.269	ng		98
49) Dimethylphthalate	9.33	163	701213	46.966	ng		99
50) 2,6-Dinitrotoluene	9.39	165	149391	46.195	ng	#	87
51) Acenaphthene	9.62	154	498028	42.254	ng		98
52) 3-Nitroaniline	9.55	138	105079	27.429	ng		93
53) 2,4-Dinitrophenol	9.66	184	62696	42.596	ng	#	75
54) Dibenzofuran	9.79	168	724078	43.839	ng		96
55) 4-Nitrophenol	9.73	139	189690	67.775	ng	#	60
56) 2,4-Dinitrotoluene	9.79	165	173214	41.683	ng	#	61
57) Fluorene	10.13	166	538464	44.117	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	132644	47.965	ng	#	98
59) Diethylphthalate	10.02	149	664799	45.739	ng		99
60) 4-Chlorophenyl-phenylether	10.13	204	227272	44.951	ng		99
61) 4-Nitroaniline	10.16	138	154881	43.052	ng		92
62) Azobenzene	10.29	77	636246	49.621	ng		93
64) 4,6-Dinitro-2-methylphenol	10.20	198	47787	23.110	ng		92
65) n-Nitrosodiphenylamine	10.25	169	517567	43.963	ng		99
66) 4-Bromophenyl-phenylether	10.62	248	156446	46.527	ng		98
67) Hexachlorobenzene	10.69	284	158339	42.280	ng		95
68) Atrazine	10.79	200	161002	48.002	ng		96
69) Pentachlorophenol	10.88	266	118641	65.577	ng		98
70) Phenanthrene	11.09	178	806477	45.036	ng		99
71) Anthracene	11.14	178	832679	45.989	ng		99
72) Carbazole	11.30	167	770503	43.945	ng		99
73) Di-n-butylphthalate	11.64	149	927376	42.470	ng		99
74) Fluoranthene	12.27	202	743489	43.376	ng		99
76) Benzidine	12.39	184	422452	74.022	ng	#	93
77) Pyrene	12.49	202	743175	47.006	ng		99
79) Butylbenzylphthalate	13.12	149	385790	51.356	ng	#	78
80) Benzo(a)anthracene	13.67	228	502504	46.295	ng		99
81) 3,3'-Dichlorobenzidine	13.64	252	163390	41.860	ng	#	96
82) Chrysene	13.72	228	517116	48.393	ng		99
83) Bis(2-ethylhexyl)phthalate	13.69	149	463814	50.700	ng	#	100
84) Di-n-octyl phthalate	14.30	149	804375	53.192	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.32	276	486185	47.569	ng		98
87) Benzo(b)fluoranthene	14.68	252	449428	35.911	ng		98
88) Benzo(k)fluoranthene	14.70	252	412295	34.790	ng		97
89) Benzo(a)pyrene	15.00	252	508194	44.274	ng		99
90) Dibenzo(a,h)anthracene	16.33	278	406195	38.459	ng		98
91) Benzo(g,h,i)perylene	16.69	276	403322	35.660	ng		97

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

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