Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080916\
Data File : BF089691.D
Acq On : 9 Aug 2016 16:50
Operator : UM/SJ
Sample : PB92784BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB92784BS

Manual Integrations APPROVED
sohil
8/10/2016 9:20:43 AM

Quant Time: Aug 10 08:13:35 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	45486	20.00	ng		-0.03
21) Naphthalene-d8	9.44	136	202787	20.00	ng		-0.03
38) Acenaphthene-d10	12.26	164	97964	20.00	ng		-0.03
63) Phenanthrene-d10	14.65	188	188159	20.00	ng		-0.05
75) Chrysene-d12	18.37	240	150294	20.00	ng		-0.02
86) Perylene-d12	20.02	264	115621	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	198596	73.18	ng		0.00
7) Phenol-d6	6.96	99	267650	72.70	ng		-0.02
23) Nitrobenzene-d5	8.33	82	269110	73.40	ng		-0.03
41) 2,4,6-Tribromophenol	13.55	330	56156	69.46	ng		-0.03
44) 2-Fluorobiphenyl	11.22	172	517738	68.69	ng		-0.03
78) Terphenyl-d14	17.03	244	480237	63.08	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.82	88	38160	24.53	ng	#	74
3) Pyridine	2.36	79	98864	34.58	ng		96
4) n-Nitrosodimethylamine	2.34	42	39483	33.65	ng		100
6) Aniline	6.91	93	116511m	24.42	ng		
8) 2-Chlorophenol	7.08	128	130226	39.09	ng		95
9) Benzaldehyde	6.72	77	34893	26.12	ng		92
10) Phenol	6.97	94	150524	39.82	ng		92
11) bis(2-Chloroethyl)ether	7.05	93	117527	36.19	ng		97
12) 1,3-Dichlorobenzene	7.31	146	127214	35.15	ng		99
13) 1,4-Dichlorobenzene	7.44	146	126171	34.96	ng		99
14) 1,2-Dichlorobenzene	7.67	146	128753	33.84	ng		100
15) Benzyl Alcohol	7.70	79	101112	41.89	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.92	45	140626	34.01	ng		99
17) 2-Methylphenol	7.92	107	96556	40.13	ng		96
18) Hexachloroethane	8.19	117	52208	34.32	ng		100
19) n-Nitroso-di-n-propylamine	8.14	70	95770	36.01	ng		98
20) 3+4-Methylphenols	8.18	107	121187	39.90	ng		99
22) Acetophenone	8.10	105	147239	30.46	ng	#	99
24) Nitrobenzene	8.35	77	126053	36.20	ng		98
25) Isophorone	8.75	82	255928	36.46	ng		99
26) 2-Nitrophenol	8.87	139	59666	37.34	ng		90
27) 2,4-Dimethylphenol	9.00	122	110428	38.43	ng		97
28) bis(2-Chloroethoxy)methane	9.14	93	154924	36.48	ng		99
29) 2,4-Dichlorophenol	9.28	162	98060	36.07	ng		96
30) 1,2,4-Trichlorobenzene	9.37	180	106225	34.21	ng		97
31) Naphthalene	9.47	128	376970	34.97	ng		99
32) Benzoic acid	9.31	122	44980	24.92	ng		96
33) 4-Chloroaniline	9.63	127	59618	14.73	ng		97
34) Hexachlorobutadiene	9.69	225	57544	32.18	ng		99
35) Caprolactam	10.24	113	31012m	39.14	ng		
36) 4-Chloro-3-methylphenol	10.48	107	119669	37.87	ng		98
37) 2-Methylnaphthalene	10.59	142	231329	34.90	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.88	216	92464	25.11	ng		98
40) Hexachlorocyclopentadiene	10.86	237	73551	60.24	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.10	196	64012	35.25	ng		98
43) 2,4,5-Trichlorophenol	11.18	196	78450	40.42	ng		97
45) 1,1'-Biphenyl	11.37	154	265350	30.04	ng		100
46) 2-Chloronaphthalene	11.38	162	232353	35.08	ng		95
47) 2-Nitroaniline	11.59	65	73054	34.22	ng		99
48) Acenaphthylene	12.03	152	373957	34.27	ng		99
49) Dimethylphthalate	11.93	163	282864	36.84	ng		99
50) 2,6-Dinitrotoluene	12.01	165	60440	39.59	ng		97
51) Acenaphthene	12.32	154	219797	34.88	ng		99
52) 3-Nitroaniline	12.27	138	38445	21.05	ng	#	93
53) 2,4-Dinitrophenol	12.48	184	40710	65.39	ng		98
54) Dibenzofuran	12.61	168	333466	38.49	ng		99
55) 4-Nitrophenol	12.65	139	71042	72.77	ng	#	74
56) 2,4-Dinitrotoluene	12.66	165	83480	38.88	ng	#	87
57) Fluorene	13.15	166	264653	35.74	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.83	232	58615	39.78	ng		99
59) Diethylphthalate	13.07	149	290954	36.64	ng		100
60) 4-Chlorophenyl-phenylether	13.19	204	120817	35.58	ng		95
61) 4-Nitroaniline	13.28	138	55392	33.74	ng		98
62) Azobenzene	13.44	77	311204	40.52	ng		94
64) 4,6-Dinitro-2-methylphenol	13.33	198	38784	35.28	ng		89
65) n-Nitrosodiphenylamine	13.39	169	230443	36.26	ng		99
66) 4-Bromophenyl-phenylether	13.97	248	66887	36.75	ng	#	84
67) Hexachlorobenzene	14.03	284	67265	33.60	ng		92
68) Atrazine	14.32	200	73956	41.68	ng		99
69) Pentachlorophenol	14.39	266	58002	68.30	ng		98
70) Phenanthrene	14.70	178	380723	37.21	ng		99
71) Anthracene	14.78	178	404056	36.84	ng		100
72) Carbazole	15.07	167	360635	39.45	ng		99
73) Di-n-butylphthalate	15.67	149	460434	37.24	ng		100
74) Fluoranthene	16.46	202	392770	37.34	ng		98
76) Benzidine	16.70	184	127650	28.02	ng		99
77) Pyrene	16.77	202	409347	30.81	ng		99
79) Butylbenzylphthalate	17.69	149	194358	34.37	ng	#	84
80) Benzo(a)anthracene	18.35	228	321144	37.19	ng		98
81) 3,3'-Dichlorobenzidine	18.34	252	65001	23.89	ng		98
82) Chrysene	18.40	228	319906	35.31	ng		99
83) Bis(2-ethylhexyl)phthalate	18.45	149	281287	35.93	ng		99
84) Di-n-octyl phthalate	19.21	149	462044	41.01	ng		99
85) Indeno(1,2,3-cd)pyrene	21.20	276	235224	34.19	ng		100
87) Benzo(b)fluoranthene	19.62	252	271960	38.24	ng		99
88) Benzo(k)fluoranthene	19.65	252	268602m	37.44	ng		
89) Benzo(a)pyrene	19.97	252	243020	36.50	ng		99
90) Dibenzo(a,h)anthracene	21.20	278	194638	31.29	ng	#	95
91) Benzo(g,h,i)perylene	21.53	276	196188	30.81	ng	#	93

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

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