Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087624.D
Acq On : 1 Jun 2016 19:08
Operator : UM/SJ
Sample : PB91016BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91016BS

Manual Integrations APPROVED
sohil
6/2/2016 5:28:20 PM

Quant Time: Jun 02 13:30:29 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 02:13:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	107865	20.00	ng		0.00
21) Naphthalene-d8	9.45	136	440760	20.00	ng		-0.01
38) Acenaphthene-d10	12.27	164	211361	20.00	ng		-0.01
63) Phenanthrene-d10	14.69	188	409328	20.00	ng		0.00
75) Chrysene-d12	18.40	240	328735	20.00	ng		0.00
86) Perylene-d12	20.09	264	240267	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	825322	134.45	ng		0.02
7) Phenol-d6	6.99	99	1027588	123.89	ng		-0.01
23) Nitrobenzene-d5	8.34	82	720231	82.35	ng		-0.02
41) 2,4,6-Tribromophenol	13.58	330	262021	129.00	ng		-0.01
44) 2-Fluorobiphenyl	11.23	172	1223323	81.60	ng		0.00
78) Terphenyl-d14	17.04	244	1153511	74.60	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.83	88	85741	26.47	ng	#	66
3) Pyridine	2.40	79	260233m	36.75	ng		
4) n-Nitrosodimethylamine	2.38	42	213436	39.12	ng	#	49
6) Aniline	6.94	93	334635	31.19	ng		93
8) 2-Chlorophenol	7.11	128	311158	40.65	ng		92
9) Benzaldehyde	6.83	77	23685	5.17	ng		97
10) Phenol	7.00	94	387849	42.82	ng	#	62
11) bis(2-Chloroethyl)ether	7.06	93	293919	40.09	ng		85
12) 1,3-Dichlorobenzene	7.31	146	314804	37.70	ng	#	92
13) 1,4-Dichlorobenzene	7.44	146	331679	38.69	ng	#	92
14) 1,2-Dichlorobenzene	7.68	146	315710	39.82	ng		99
15) Benzyl Alcohol	7.74	79	294347	48.67	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.92	45	587591	35.62	ng		87
17) 2-Methylphenol	7.95	107	251652	41.02	ng	#	90
18) Hexachloroethane	8.18	117	127078	39.74	ng		98
19) n-Nitroso-di-n-propylamine	8.15	70	252199	40.77	ng	#	72
20) 3+4-Methylphenols	8.22	107	339472	45.77	ng	#	58
22) Acetophenone	8.11	105	433365	41.16	ng	#	97
24) Nitrobenzene	8.38	77	362022	39.22	ng		98
25) Isophorone	8.76	82	624029	39.79	ng		99
26) 2-Nitrophenol	8.88	139	160993	42.66	ng	#	65
27) 2,4-Dimethylphenol	9.03	122	280082	42.76	ng	#	85
28) bis(2-Chloroethoxy)methane	9.14	93	376691	42.64	ng	#	98
29) 2,4-Dichlorophenol	9.31	162	251181	42.55	ng		98
30) 1,2,4-Trichlorobenzene	9.38	180	265465	39.28	ng		98
31) Naphthalene	9.48	128	903138	40.89	ng		100
32) Benzoic acid	9.39	122	119547	36.96	ng	#	75
33) 4-Chloroaniline	9.66	127	205762	25.29	ng	#	93
34) Hexachlorobutadiene	9.69	225	159249	38.76	ng		98
35) Caprolactam	10.28	113	80785m	46.89	ng		
36) 4-Chloro-3-methylphenol	10.52	107	294870	44.18	ng		95
37) 2-Methylnaphthalene	10.62	142	582449	42.21	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.89	216	262640	38.82	ng		99
40) Hexachlorocyclopentadiene	10.86	237	131016	50.95	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.13	196	163722	41.92	ng		92
43) 2,4,5-Trichlorophenol	11.22	196	149729	37.65	ng	#	88
45) 1,1'-Biphenyl	11.38	154	741480	41.67	ng		98
46) 2-Chloronaphthalene	11.39	162	543802	39.94	ng		94
47) 2-Nitroaniline	11.63	65	227647	46.41	ng		91
48) Acenaphthylene	12.04	152	869322	40.33	ng		99
49) Dimethylphthalate	11.94	163	687627	40.61	ng		99
50) 2,6-Dinitrotoluene	12.03	165	140082	41.06	ng	#	60
51) Acenaphthene	12.33	154	536177	40.47	ng		98
52) 3-Nitroaniline	12.32	138	102037	29.14	ng	#	80
53) 2,4-Dinitrophenol	12.54	184	123251	71.36	ng	#	85
54) Dibenzofuran	12.62	168	795854	44.37	ng		93
55) 4-Nitrophenol	12.74	139	137782	82.49	ng	#	59
56) 2,4-Dinitrotoluene	12.71	165	203320	44.59	ng		93
57) Fluorene	13.18	166	657322	42.26	ng		98
58) 2,3,4,6-Tetrachlorophenol	12.87	232	144470	47.22	ng		98
59) Diethylphthalate	13.09	149	680980	41.37	ng		100
60) 4-Chlorophenyl-phenylether	13.20	204	299178	39.44	ng		91
61) 4-Nitroaniline	13.33	138	140576	43.02	ng	#	62
62) Azobenzene	13.45	77	833791	48.82	ng		83
64) 4,6-Dinitro-2-methylphenol	13.38	198	90262	34.68	ng	#	68
65) n-Nitrosodiphenylamine	13.42	169	545448	41.20	ng		99
66) 4-Bromophenyl-phenylether	13.98	248	177701	39.68	ng		96
67) Hexachlorobenzene	14.06	284	188749	40.30	ng	#	80
68) Atrazine	14.34	200	178550	42.31	ng		94
69) Pentachlorophenol	14.43	266	102197	70.97	ng		97
70) Phenanthrene	14.72	178	950464	41.92	ng		99
71) Anthracene	14.81	178	974100	42.53	ng		98
72) Carbazole	15.11	167	889601	45.54	ng		99
73) Di-n-butylphthalate	15.67	149	1021128	40.42	ng	#	98
74) Fluoranthene	16.49	202	970387	42.68	ng		96
76) Benzidine	16.73	184	409467	48.41	ng		97
77) Pyrene	16.80	202	989196	41.80	ng		99
79) Butylbenzylphthalate	17.70	149	424075	40.41	ng	#	73
80) Benzo(a)anthracene	18.39	228	802671	42.93	ng		99
81) 3,3'-Dichlorobenzidine	18.37	252	152787	14.79	ng		99
82) Chrysene	18.43	228	783312	42.21	ng		99
83) Bis(2-ethylhexyl)phthalate	18.45	149	571244	37.31	ng		96
84) Di-n-octyl phthalate	19.21	149	940099	40.26	ng	#	88
85) Indeno(1,2,3-cd)pyrene	21.28	276	530740	35.68	ng	#	93
87) Benzo(b)fluoranthene	19.67	252	587699m	38.40	ng		
88) Benzo(k)fluoranthene	19.69	252	676087m	51.32	ng		
89) Benzo(a)pyrene	20.02	252	555384	41.96	ng		98
90) Dibenzo(a,h)anthracene	21.28	278	453132	40.14	ng	#	95
91) Benzo(g,h,i)perylene	21.65	276	432446	38.82	ng	#	90

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

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