Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
Data File : BF086527.D
Acq On : 30 Apr 2016 16:52
Operator : UM/SJ
Sample : PB90147BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90147BS

Manual Integrations APPROVED
sohil
5/2/2016 7:53:12 PM

Quant Time: May 01 04:15:08 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 01 01:17:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	135484	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	586144	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	283208	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	538882	20.00	ng		0.00
75) Chrysene-d12	13.92	240	420092	20.00	ng		0.00
86) Perylene-d12	15.31	264	326344	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	658054	83.78	ng		0.01
7) Phenol-d6	6.41	99	854989	77.99	ng		0.00
23) Nitrobenzene-d5	7.33	82	765978	70.44	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	223450	74.82	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	1326080	81.13	ng		-0.01
78) Terphenyl-d14	12.88	244	1301197	68.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	131525	31.88	ng	#	80
3) Pyridine	3.07	79	352493	36.10	ng	#	76
4) n-Nitrosodimethylamine	3.01	42	217524	39.08	ng	#	58
6) Aniline	6.43	93	191959	14.47	ng		93
8) 2-Chlorophenol	6.54	128	353151	36.10	ng	#	80
9) Benzaldehyde	6.30	77	47578	7.46	ng		90
10) Phenol	6.42	94	475646	38.89	ng		84
11) bis(2-Chloroethyl)ether	6.51	93	364832	34.50	ng		98
12) 1,3-Dichlorobenzene	6.70	146	364069m	34.60	ng		
13) 1,4-Dichlorobenzene	6.78	146	378020	34.82	ng		95
14) 1,2-Dichlorobenzene	6.93	146	343930	34.54	ng		96
15) Benzyl Alcohol	6.91	79	285741	41.20	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.05	45	722243	34.13	ng		90
17) 2-Methylphenol	7.04	107	307486	38.89	ng		95
18) Hexachloroethane	7.28	117	135426	33.38	ng		98
19) n-Nitroso-di-n-propylamine	7.18	70	256928	35.46	ng	#	72
20) 3+4-Methylphenols	7.18	107	358412	39.70	ng		98
22) Acetophenone	7.18	105	496571	38.64	ng	#	90
24) Nitrobenzene	7.36	77	404883	36.19	ng		90
25) Isophorone	7.60	82	741506	35.43	ng		98
26) 2-Nitrophenol	7.68	139	187669	36.44	ng		94
27) 2,4-Dimethylphenol	7.72	122	323187	35.76	ng		98
28) bis(2-Chloroethoxy)methane	7.81	93	449380	39.41	ng		99
29) 2,4-Dichlorophenol	7.92	162	304646	39.95	ng		99
30) 1,2,4-Trichlorobenzene	8.00	180	307323	34.74	ng		96
31) Naphthalene	8.08	128	1064794	35.70	ng		99
32) Benzoic acid	7.84	122	161169	32.85	ng		85
33) 4-Chloroaniline	8.13	127	88338	7.91	ng		97
34) Hexachlorobutadiene	8.20	225	165820	33.44	ng		98
35) Caprolactam	8.50	113	102412m	40.26	ng		
36) 4-Chloro-3-methylphenol	8.61	107	337696	38.68	ng		90
37) 2-Methylnaphthalene	8.77	142	670501	38.10	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	273286	33.71	ng		98
40) Hexachlorocyclopentadiene	8.92	237	270864	67.24	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	192371	37.54	ng		94
43) 2,4,5-Trichlorophenol	9.09	196	207038	37.07	ng	#	91
45) 1,1'-Biphenyl	9.23	154	805500	34.03	ng		96
46) 2-Chloronaphthalene	9.25	162	615393	34.19	ng		94
47) 2-Nitroaniline	9.36	65	244001	42.27	ng		93
48) Acenaphthylene	9.66	152	962326	34.21	ng		99
49) Dimethylphthalate	9.54	163	788103	36.96	ng		100
50) 2,6-Dinitrotoluene	9.60	165	164773	37.41	ng		91
51) Acenaphthene	9.84	154	684809	37.90	ng		99
52) 3-Nitroaniline	9.77	138	67537	13.48	ng		98
53) 2,4-Dinitrophenol	9.87	184	156653	66.51	ng	#	77
54) Dibenzofuran	10.01	168	879419	38.94	ng		94
55) 4-Nitrophenol	9.94	139	269738	82.24	ng		88
56) 2,4-Dinitrotoluene	10.00	165	210976	37.57	ng	#	88
57) Fluorene	10.35	166	648846	33.09	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	184303	42.21	ng		97
59) Diethylphthalate	10.24	149	748726	37.10	ng		97
60) 4-Chlorophenyl-phenylether	10.35	204	319192	35.85	ng	#	86
61) 4-Nitroaniline	10.37	138	176430	36.03	ng	#	75
62) Azobenzene	10.51	77	891696	40.33	ng		90
64) 4,6-Dinitro-2-methylphenol	10.41	198	122590	38.75	ng		89
65) n-Nitrosodiphenylamine	10.46	169	594452	35.30	ng		100
66) 4-Bromophenyl-phenylether	10.84	248	187618	33.79	ng	#	77
67) Hexachlorobenzene	10.90	284	225224	35.04	ng	#	82
68) Atrazine	11.00	200	198348	39.22	ng		96
69) Pentachlorophenol	11.09	266	227513	67.14	ng		98
70) Phenanthrene	11.31	178	1019784	36.06	ng		100
71) Anthracene	11.37	178	1119059	37.08	ng		99
72) Carbazole	11.52	167	1011029	37.80	ng		99
73) Di-n-butylphthalate	11.86	149	1143765	37.74	ng		99
74) Fluoranthene	12.49	202	1113097	38.99	ng		98
76) Benzidine	12.62	184	228319	15.82	ng		95
77) Pyrene	12.72	202	1075716	35.54	ng		100
79) Butylbenzylphthalate	13.34	149	467976	35.70	ng	#	77
80) Benzo(a)anthracene	13.90	228	827115	36.93	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	169522	11.32	ng		97
82) Chrysene	13.94	228	836765	34.37	ng		100
83) Bis(2-ethylhexyl)phthalate	13.90	149	512531	31.49	ng	#	96
84) Di-n-octyl phthalate	14.52	149	830268	32.58	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.65	276	701841	38.91	ng		97
87) Benzo(b)fluoranthene	14.92	252	772303m	40.23	ng		
88) Benzo(k)fluoranthene	14.95	252	685458m	34.23	ng		
89) Benzo(a)pyrene	15.25	252	673036	37.13	ng		98
90) Dibenzo(a,h)anthracene	16.66	278	587868	39.63	ng		98
91) Benzo(g,h,i)perylene	17.05	276	592402	39.85	ng		93

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

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