Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070816\
Data File : BF088827.D
Acq On : 8 Jul 2016 15:58
Operator : UM/SJ
Sample : PB91873BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91873BS

Manual Integrations APPROVED
UMANGI
7/10/2016 12:33:49 AM

Quant Time: Jul 08 19:37:10 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 18:51:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	84138	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	345084	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	167261	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	329712	20.00	ng		0.00
75) Chrysene-d12	13.87	240	222025	20.00	ng		0.00
86) Perylene-d12	15.25	264	178902	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	631776	112.53	ng		0.01
7) Phenol-d6	6.38	99	777003	107.11	ng		0.00
23) Nitrobenzene-d5	7.30	82	537819	81.67	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	236397	152.20	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	893351	84.37	ng		0.00
78) Terphenyl-d14	12.82	244	884013	88.68	ng		0.00
Target Compounds							Qvalue
3) Pyridine	2.99	79	224899	27.85	ng		90
4) n-Nitrosodimethylamine	2.95	42	99490	32.24	ng		91
6) Aniline	6.40	93	267466	25.30	ng	#	87
8) 2-Chlorophenol	6.51	128	233721	38.74	ng		94
9) Benzaldehyde	6.27	77	147156	29.95	ng		90
10) Phenol	6.39	94	241423	29.16	ng	#	45
11) bis(2-Chloroethyl)ether	6.48	93	240135	38.90	ng	#	81
12) 1,3-Dichlorobenzene	6.67	146	253293	38.15	ng		98
13) 1,4-Dichlorobenzene	6.75	146	259123	39.32	ng		99
14) 1,2-Dichlorobenzene	6.90	146	232770m	37.73	ng		
15) Benzyl Alcohol	6.88	79	203527	38.12	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.02	45	272510	30.48	ng		89
17) 2-Methylphenol	7.00	107	211062	42.88	ng		98
18) Hexachloroethane	7.24	117	97636	38.30	ng	#	87
19) n-Nitroso-di-n-propylamine	7.15	70	175490	36.02	ng		92
20) 3+4-Methylphenols	7.15	107	232710	39.39	ng		93
22) Acetophenone	7.14	105	346346	41.35	ng	#	90
24) Nitrobenzene	7.31	77	245030	36.91	ng	#	82
25) Isophorone	7.56	82	487984	40.01	ng		98
26) 2-Nitrophenol	7.63	139	117634	43.21	ng		97
27) 2,4-Dimethylphenol	7.68	122	208775	36.82	ng		87
28) bis(2-Chloroethoxy)methane	7.78	93	313572	39.50	ng		97
29) 2,4-Dichlorophenol	7.88	162	200551	43.76	ng		91
30) 1,2,4-Trichlorobenzene	7.96	180	211749	42.10	ng		97
31) Naphthalene	8.04	128	701028	41.21	ng		98
32) Benzoic acid	7.82	122	136768	33.22	ng		92
33) 4-Chloroaniline	8.09	127	180472	23.84	ng		98
34) Hexachlorobutadiene	8.16	225	108878	40.43	ng		98
35) Caprolactam	8.47	113	76972m	49.45	ng		
36) 4-Chloro-3-methylphenol	8.58	107	237522	43.83	ng		93
37) 2-Methylnaphthalene	8.73	142	472030	43.09	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	198346	35.65	ng	#	1
40) Hexachlorocyclopentadiene	8.89	237	198372	72.65	ng		99
42) 2,4,6-Trichlorophenol	9.02	196	143172	39.03	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	145917	46.24	ng	#	92
45) 1,1'-Biphenyl	9.20	154	569624	41.13	ng		96
46) 2-Chloronaphthalene	9.22	162	432790	39.80	ng		94
47) 2-Nitroaniline	9.31	65	148628	38.52	ng		95
48) Acenaphthylene	9.63	152	739138	42.72	ng		99
49) Dimethylphthalate	9.51	163	548650	46.04	ng		98
50) 2,6-Dinitrotoluene	9.56	165	118398	44.83	ng	#	87
51) Acenaphthene	9.80	154	526036m	49.60	ng		
52) 3-Nitroaniline	9.72	138	88177	26.26	ng		99
53) 2,4-Dinitrophenol	9.84	184	129237	110.83	ng	#	73
54) Dibenzofuran	9.98	168	650727	46.88	ng	#	91
55) 4-Nitrophenol	9.90	139	170973	67.01	ng		93
56) 2,4-Dinitrotoluene	9.96	165	173714	50.31	ng	#	65
57) Fluorene	10.32	166	489547	45.77	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.09	232	114716	46.98	ng	#	48
59) Diethylphthalate	10.20	149	560104	46.84	ng		98
60) 4-Chlorophenyl-phenylether	10.31	204	196427	39.52	ng		89
61) 4-Nitroaniline	10.34	138	138267	42.80	ng		89
62) Azobenzene	10.47	77	595706	43.67	ng		95
64) 4,6-Dinitro-2-methylphenol	10.36	198	73223	41.52	ng		89
65) n-Nitrosodiphenylamine	10.43	169	464142	41.59	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	145725	43.86	ng		98
67) Hexachlorobenzene	10.86	284	138639	37.69	ng		92
68) Atrazine	10.96	200	129229	37.17	ng		91
69) Pentachlorophenol	11.05	266	153927	70.71	ng		96
70) Phenanthrene	11.27	178	675328	37.47	ng		99
71) Anthracene	11.32	178	791232	44.15	ng		98
72) Carbazole	11.47	167	612987	36.34	ng		99
73) Di-n-butylphthalate	11.82	149	875392	44.62	ng		99
74) Fluoranthene	12.44	202	673353	36.85	ng		98
76) Benzidine	12.57	184	320834	28.59	ng		98
77) Pyrene	12.67	202	694617	36.90	ng		100
79) Butylbenzylphthalate	13.30	149	334478	39.83	ng	#	80
80) Benzo(a)anthracene	13.86	228	595912	41.68	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	139567	25.97	ng		99
82) Chrysene	13.90	228	566568	40.06	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	408550	42.62	ng		97
84) Di-n-octyl phthalate	14.48	149	701969	43.10	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.55	276	459435	42.22	ng	#	100
87) Benzo(b)fluoranthene	14.87	252	577858m	51.49	ng		
88) Benzo(k)fluoranthene	14.89	252	377129m	38.60	ng		
89) Benzo(a)pyrene	15.19	252	431160	45.38	ng		99
90) Dibenzo(a,h)anthracene	16.57	278	379096	47.78	ng	#	93
91) Benzo(g,h,i)perylene	16.95	276	384990	46.89	ng	#	93

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

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