Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012516\
Data File : BF084605.D
Acq On : 25 Jan 2016 14:18
Operator : SJ/IZ
Sample : PB87895BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87895BSD

Manual Integrations APPROVED
mohammad
1/26/2016 10:43:19 AM

Quant Time: Jan 25 16:44:31 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 16:24:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	167676	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	682159	20.00	ng		-0.01
38) Acenaphthene-d10	9.78	164	353481	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	650190	20.00	ng		-0.01
75) Chrysene-d12	13.89	240	619564	20.00	ng		0.00
86) Perylene-d12	15.28	264	463183	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1102036	106.31	ng		0.01
7) Phenol-d6	6.40	99	1508195	115.84	ng		0.00
23) Nitrobenzene-d5	7.31	82	962854	78.56	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	401371	112.47	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1552220	76.63	ng		0.00
78) Terphenyl-d14	12.84	244	1701346	61.30	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	123550	25.16	ng	#	69
3) Pyridine	3.04	79	352752	25.76	ng	#	69
4) n-Nitrosodimethylamine	2.98	42	228963	32.58	ng	#	65
6) Aniline	6.40	93	180767	9.49	ng	#	1
8) 2-Chlorophenol	6.52	128	386634	32.87	ng		85
9) Benzaldehyde	6.28	77	27842	3.28	ng		95
10) Phenol	6.41	94	512614	34.63	ng		92
11) bis(2-Chloroethyl)ether	6.48	93	357342	31.16	ng	#	78
12) 1,3-Dichlorobenzene	6.67	146	391727m	32.29	ng		
13) 1,4-Dichlorobenzene	6.75	146	398972	32.79	ng		98
14) 1,2-Dichlorobenzene	6.91	146	402533	34.55	ng		98
15) Benzyl Alcohol	6.89	79	347086	31.69	ng		89
16) 2,2'-oxybis(1-Chloropropan	7.02	45	611989	29.31	ng		86
17) 2-Methylphenol	7.01	107	353202	35.83	ng	#	93
18) Hexachloroethane	7.25	117	167613	34.45	ng	#	88
19) n-Nitroso-di-n-propylamine	7.16	70	288557	32.74	ng	#	71
20) 3+4-Methylphenols	7.16	107	426525	36.81	ng	#	71
22) Acetophenone	7.15	105	577640	35.21	ng		94
24) Nitrobenzene	7.32	77	400343	32.20	ng		91
25) Isophorone	7.57	82	781257	33.33	ng		96
26) 2-Nitrophenol	7.64	139	209613	37.05	ng	#	78
27) 2,4-Dimethylphenol	7.69	122	372888	32.56	ng		99
28) bis(2-Chloroethoxy)methane	7.78	93	459906	32.12	ng		98
29) 2,4-Dichlorophenol	7.89	162	363976	38.15	ng		95
30) 1,2,4-Trichlorobenzene	7.96	180	350931	35.63	ng		97
31) Naphthalene	8.04	128	1082460	34.98	ng		99
32) Benzoic acid	7.82	122	262107	37.19	ng		92
33) 4-Chloroaniline	8.10	127	71312	5.03	ng		97
34) Hexachlorobutadiene	8.17	225	210357	37.16	ng		98
35) Caprolactam	8.48	113	112762m	35.06	ng		
36) 4-Chloro-3-methylphenol	8.60	107	428753	40.12	ng		97
37) 2-Methylnaphthalene	8.74	142	801975	36.10	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	339363	33.40	ng		98
40) Hexachlorocyclopentadiene	8.90	237	385924	62.91	ng		98

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Quant Time: Jan 25 16:44:31 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 16:24:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	266214	35.02	ng		93
43) 2,4,5-Trichlorophenol	9.07	196	252978	34.71	ng	#	90
45) 1,1'-Biphenyl	9.21	154	1023952	36.45	ng		95
46) 2-Chloronaphthalene	9.23	162	764727	34.65	ng	#	89
47) 2-Nitroaniline	9.32	65	242846	33.34	ng		93
48) Acenaphthylene	9.64	152	1218806	37.38	ng		98
49) Dimethylphthalate	9.52	163	978399	38.72	ng	#	91
50) 2,6-Dinitrotoluene	9.57	165	218216	39.37	ng	#	70
51) Acenaphthene	9.81	154	811468	37.11	ng		99
52) 3-Nitroaniline	9.73	138	56942	8.29	ng		100
53) 2,4-Dinitrophenol	9.85	184	221973	93.39	ng	#	79
54) Dibenzofuran	9.98	168	1070002	37.27	ng		92
55) 4-Nitrophenol	9.92	139	336666	67.53	ng	#	66
56) 2,4-Dinitrotoluene	9.97	165	252453	35.99	ng	#	76
57) Fluorene	10.33	166	895088	40.64	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	224624	36.10	ng		89
59) Diethylphthalate	10.21	149	960666	38.56	ng		99
60) 4-Chlorophenyl-phenylether	10.32	204	366009	38.46	ng	#	84
61) 4-Nitroaniline	10.35	138	210191	34.33	ng		98
62) Azobenzene	10.48	77	953032	34.87	ng		85
64) 4,6-Dinitro-2-methylphenol	10.38	198	173251	43.71	ng		96
65) n-Nitrosodiphenylamine	10.44	169	736954	35.45	ng		100
66) 4-Bromophenyl-phenylether	10.81	248	259397	37.07	ng	#	82
67) Hexachlorobenzene	10.86	284	280727	35.64	ng	#	71
68) Atrazine	10.98	200	275818	40.54	ng		95
69) Pentachlorophenol	11.07	266	325282	79.65	ng		98
70) Phenanthrene	11.29	178	1399128	41.14	ng		98
71) Anthracene	11.33	178	1266193	37.98	ng		98
72) Carbazole	11.49	167	1199241	36.79	ng		99
73) Di-n-butylphthalate	11.82	149	1456337	41.10	ng	#	96
74) Fluoranthene	12.47	202	1307561	36.80	ng		98
76) Benzidine	12.59	184	416906	18.77	ng		98
77) Pyrene	12.69	202	1401285	28.82	ng		98
79) Butylbenzylphthalate	13.32	149	637873	30.32	ng		91
80) Benzo(a)anthracene	13.88	228	1198839	32.95	ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	219418	17.28	ng	#	97
82) Chrysene	13.92	228	1009883	28.89	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	822690	30.95	ng		100
84) Di-n-octyl phthalate	14.50	149	1439431	32.08	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.60	276	816525	29.47	ng		96
87) Benzo(b)fluoranthene	14.89	252	957371m	31.60	ng		
88) Benzo(k)fluoranthene	14.92	252	1069375m	43.15	ng		
89) Benzo(a)pyrene	15.22	252	905284	35.23	ng	#	96
90) Dibenzo(a,h)anthracene	16.61	278	688850	31.15	ng	#	94
91) Benzo(g,h,i)perylene	16.99	276	669567	29.24	ng		97

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

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