Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086423.D
Acq On : 27 Apr 2016 14:45
Operator : UM/SJ
Sample : PB89850BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB89850BSD

Manual Integrations APPROVED
sohil
4/28/2016 2:14:03 PM

Quant Time: Apr 28 13:11:00 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	118352	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	493537	20.00	ng		-0.01
38) Acenaphthene-d10	9.85	164	243706	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	453859	20.00	ng		0.00
75) Chrysene-d12	13.96	240	312403	20.00	ng		0.00
86) Perylene-d12	15.36	264	253577	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	764410	111.41	ng		0.01
7) Phenol-d6	6.44	99	1052573	109.91	ng		0.00
23) Nitrobenzene-d5	7.37	82	688872	75.23	ng		-0.01
41) 2,4,6-Tribromophenol	10.64	330	318252	123.83	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1252056	91.35	ng		0.00
78) Terphenyl-d14	12.91	244	1170965	82.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	108861	30.20	ng	#	75
3) Pyridine	3.13	79	296844	34.80	ng	#	75
4) n-Nitrosodimethylamine	3.07	42	188164	38.70	ng	#	60
6) Aniline	6.46	93	399587	34.48	ng		98
8) 2-Chlorophenol	6.59	128	332075	38.86	ng		99
9) Benzaldehyde	6.35	77	56140	10.08	ng		91
10) Phenol	6.45	94	411835	38.55	ng		78
11) bis(2-Chloroethyl)ether	6.54	93	366852	39.72	ng		92
12) 1,3-Dichlorobenzene	6.74	146	320876m	34.91	ng		
13) 1,4-Dichlorobenzene	6.82	146	341654	36.02	ng		93
14) 1,2-Dichlorobenzene	6.98	146	318621	36.63	ng		95
15) Benzyl Alcohol	6.94	79	264103	43.59	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.09	45	686264	37.12	ng		89
17) 2-Methylphenol	7.07	107	279310	40.44	ng		96
18) Hexachloroethane	7.32	117	128330	36.21	ng	#	79
19) n-Nitroso-di-n-propylamine	7.22	70	246282	38.91	ng	#	69
20) 3+4-Methylphenols	7.22	107	325629	41.29	ng		96
22) Acetophenone	7.22	105	444412	41.07	ng	#	87
24) Nitrobenzene	7.39	77	377348	40.06	ng		95
25) Isophorone	7.63	82	683734	38.80	ng		99
26) 2-Nitrophenol	7.71	139	171579	39.56	ng		97
27) 2,4-Dimethylphenol	7.74	122	297590	39.11	ng		90
28) bis(2-Chloroethoxy)methane	7.85	93	425284	44.30	ng		99
29) 2,4-Dichlorophenol	7.95	162	282135	43.95	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	284169	38.15	ng		97
31) Naphthalene	8.11	128	965088	38.43	ng		99
32) Benzoic acid	7.88	122	145578	34.60	ng		95
33) 4-Chloroaniline	8.17	127	295444	31.42	ng		99
34) Hexachlorobutadiene	8.24	225	160305	38.40	ng		99
35) Caprolactam	8.53	113	87695m	40.95	ng		
36) 4-Chloro-3-methylphenol	8.65	107	302389	41.14	ng		92
37) 2-Methylnaphthalene	8.81	142	643826	43.45	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	243989	34.98	ng		97
40) Hexachlorocyclopentadiene	8.96	237	282193	81.40	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	178527	40.49	ng		95
43) 2,4,5-Trichlorophenol	9.13	196	190230	39.58	ng		95
45) 1,1'-Biphenyl	9.26	154	747547	36.70	ng		96
46) 2-Chloronaphthalene	9.29	162	575856	37.18	ng		93
47) 2-Nitroaniline	9.39	65	217931	43.88	ng		89
48) Acenaphthylene	9.71	152	928151	38.34	ng		99
49) Dimethylphthalate	9.57	163	691137	37.67	ng		100
50) 2,6-Dinitrotoluene	9.63	165	147201	38.84	ng	#	86
51) Acenaphthene	9.88	154	684490	44.02	ng		99
52) 3-Nitroaniline	9.80	138	143175	33.21	ng		96
53) 2,4-Dinitrophenol	9.90	184	144843	70.88	ng	#	75
54) Dibenzofuran	10.05	168	848694	43.67	ng		98
55) 4-Nitrophenol	9.97	139	244170	86.51	ng		94
56) 2,4-Dinitrotoluene	10.04	165	197576	40.89	ng	#	82
57) Fluorene	10.40	166	637782	37.80	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	173854	46.27	ng		95
59) Diethylphthalate	10.27	149	651990	37.54	ng		99
60) 4-Chlorophenyl-phenylether	10.38	204	291252	38.02	ng		93
61) 4-Nitroaniline	10.42	138	175542	41.66	ng		89
62) Azobenzene	10.54	77	803441	42.23	ng		91
64) 4,6-Dinitro-2-methylphenol	10.44	198	105772	39.70	ng	#	69
65) n-Nitrosodiphenylamine	10.51	169	578565	40.79	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	194702	41.63	ng	#	87
67) Hexachlorobenzene	10.93	284	198446	36.66	ng	#	68
68) Atrazine	11.04	200	194725	45.72	ng		96
69) Pentachlorophenol	11.13	266	213582	74.83	ng		98
70) Phenanthrene	11.34	178	903067	37.92	ng		100
71) Anthracene	11.40	178	1042274	41.00	ng		100
72) Carbazole	11.56	167	913990	40.57	ng		98
73) Di-n-butylphthalate	11.89	149	1099158	43.07	ng		99
74) Fluoranthene	12.53	202	1003751	41.75	ng		96
76) Benzidine	12.66	184	367420	34.22	ng		97
77) Pyrene	12.76	202	1011051	44.91	ng		99
79) Butylbenzylphthalate	13.38	149	412211	42.28	ng	#	65
80) Benzo(a)anthracene	13.95	228	695762	41.77	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	175710	15.78	ng	#	95
82) Chrysene	13.99	228	811716	44.84	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	514614	42.52	ng	#	99
84) Di-n-octyl phthalate	14.56	149	885442	46.72	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.72	276	546186	40.72	ng		98
87) Benzo(b)fluoranthene	14.97	252	684046m	45.85	ng		
88) Benzo(k)fluoranthene	14.99	252	572027m	36.76	ng		
89) Benzo(a)pyrene	15.30	252	574507	40.79	ng	#	97
90) Dibenzo(a,h)anthracene	16.74	278	462740	40.15	ng	#	94
91) Benzo(g,h,i)perylene	17.13	276	459464	39.78	ng	#	92

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

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