Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087038.D
Acq On : 15 May 2016 00:03
Operator : UM/SJ
Sample : PB90490BSD
Misc :
ALS Vial : 60 Sample Multiplier: 1

Quant Time: May 16 05:49:11 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 16 05:03:47 2016
Response via : Initial Calibration

Instrument : BNA_F
ClientSampleId : PB90490BSD

Manual Integrations APPROVED
sohil
5/16/2016 6:58:46 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	134489	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	559176	20.00	ng		-0.01
38) Acenaphthene-d10	9.64	164	263436	20.00	ng		-0.01
63) Phenanthrene-d10	11.13	188	498724	20.00	ng		0.00
75) Chrysene-d12	13.76	240	331169	20.00	ng		0.00
86) Perylene-d12	15.11	264	302023	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	940974	118.49	ng		0.01
7) Phenol-d6	6.28	99	1232588	116.13	ng		0.00
23) Nitrobenzene-d5	7.19	82	842522	75.66	ng		-0.01
41) 2,4,6-Tribromophenol	10.44	330	365429	131.03	ng		0.00
44) 2-Fluorobiphenyl	8.98	172	1358930	86.70	ng		0.00
78) Terphenyl-d14	12.71	244	1249857	80.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.14	88	129806	33.29	ng	#	71
3) Pyridine	2.78	79	314693	33.02	ng	#	65
4) n-Nitrosodimethylamine	2.73	42	285862	41.36	ng	#	48
6) Aniline	6.28	93	250123	19.49	ng	#	32
8) 2-Chlorophenol	6.40	128	371045	38.72	ng	#	81
9) Benzaldehyde	6.17	77	18886	3.07	ng		97
10) Phenol	6.30	94	527262	41.80	ng		81
11) bis(2-Chloroethyl)ether	6.35	93	387379	39.38	ng	#	80
12) 1,3-Dichlorobenzene	6.55	146	389000	37.51	ng	#	94
13) 1,4-Dichlorobenzene	6.63	146	403701	38.17	ng		94
14) 1,2-Dichlorobenzene	6.78	146	342546m	37.16	ng		
15) Benzyl Alcohol	6.78	79	345063	47.08	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	6.90	45	759555	35.51	ng		55
17) 2-Methylphenol	6.90	107	314241	41.21	ng	#	81
18) Hexachloroethane	7.12	117	152178	38.25	ng		98
19) n-Nitroso-di-n-propylamine	7.04	70	296285	39.94	ng	#	62
20) 3+4-Methylphenols	7.06	107	409143	41.08	ng	#	61
22) Acetophenone	7.04	105	552477	41.83	ng	#	95
24) Nitrobenzene	7.21	77	454358	39.66	ng		94
25) Isophorone	7.45	82	795102	38.48	ng		98
26) 2-Nitrophenol	7.53	139	189028	37.54	ng		96
27) 2,4-Dimethylphenol	7.59	122	331212	38.61	ng		94
28) bis(2-Chloroethoxy)methane	7.67	93	488058	43.79	ng		98
29) 2,4-Dichlorophenol	7.78	162	303892	40.25	ng		93
30) 1,2,4-Trichlorobenzene	7.84	180	326915	38.73	ng		95
31) Naphthalene	7.92	128	1046851	37.38	ng		99
32) Benzoic acid	7.74	122	171852	34.11	ng	#	82
33) 4-Chloroaniline	7.99	127	145965	13.41	ng	#	94
34) Hexachlorobutadiene	8.04	225	191852	39.17	ng		98
35) Caprolactam	8.36	113	102567m	39.93	ng		
36) 4-Chloro-3-methylphenol	8.49	107	345251	37.71	ng		90
37) 2-Methylnaphthalene	8.62	142	740855	45.25	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	286644	37.42	ng		97
40) Hexachlorocyclopentadiene	8.76	237	247933	68.20	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	198817	38.82	ng		95
43) 2,4,5-Trichlorophenol	8.96	196	191153	36.09	ng		96
45) 1,1'-Biphenyl	9.07	154	847292	40.44	ng		96
46) 2-Chloronaphthalene	9.10	162	636193	38.75	ng	#	92
47) 2-Nitroaniline	9.21	65	258453	43.08	ng	#	75
48) Acenaphthylene	9.51	152	971223	40.22	ng		99
49) Dimethylphthalate	9.39	163	824716	41.03	ng		100
50) 2,6-Dinitrotoluene	9.45	165	151744	35.88	ng	#	64
51) Acenaphthene	9.68	154	591387	39.37	ng		99
52) 3-Nitroaniline	9.62	138	94239	21.16	ng		82
53) 2,4-Dinitrophenol	9.74	184	100001	49.51	ng		87
54) Dibenzofuran	9.85	168	867664	45.00	ng		91
55) 4-Nitrophenol	9.82	139	160332m	55.48	ng		
56) 2,4-Dinitrotoluene	9.86	165	232226	44.36	ng	#	78
57) Fluorene	10.19	166	633503	38.52	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.99	232	181209	45.44	ng		95
59) Diethylphthalate	10.09	149	827190	42.23	ng		98
60) 4-Chlorophenyl-phenylether	10.19	204	331892	46.87	ng		91
61) 4-Nitroaniline	10.24	138	170166	39.79	ng	#	68
62) Azobenzene	10.35	77	991438	46.92	ng		88
64) 4,6-Dinitro-2-methylphenol	10.26	198	90624	29.25	ng	#	25
65) n-Nitrosodiphenylamine	10.32	169	669868	43.72	ng		99
66) 4-Bromophenyl-phenylether	10.67	248	194110	38.39	ng	#	85
67) Hexachlorobenzene	10.74	284	245583	41.56	ng	#	91
68) Atrazine	10.86	200	212245	41.47	ng		95
69) Pentachlorophenol	10.95	266	199339	72.99	ng		96
70) Phenanthrene	11.15	178	1103786	41.47	ng		100
71) Anthracene	11.20	178	1054956	38.76	ng		100
72) Carbazole	11.37	167	1016851	43.46	ng		100
73) Di-n-butylphthalate	11.70	149	1221487	42.75	ng	#	99
74) Fluoranthene	12.33	202	1062313	38.81	ng		97
76) Benzidine	12.47	184	239930	28.42	ng		96
77) Pyrene	12.56	202	1171644	46.21	ng		100
79) Butylbenzylphthalate	13.19	149	485132	45.24	ng	#	71
80) Benzo(a)anthracene	13.75	228	827250	44.50	ng		98
81) 3,3'-Dichlorobenzidine	13.71	252	151478	12.82	ng		97
82) Chrysene	13.78	228	857345	45.34	ng		99
83) Bis(2-ethylhexyl)phthalate	13.75	149	602599	46.71	ng	#	95
84) Di-n-octyl phthalate	14.35	149	1050678	49.17	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.37	276	746002	47.41	ng		95
87) Benzo(b)fluoranthene	14.74	252	694259m	35.37	ng		
88) Benzo(k)fluoranthene	14.77	252	698069m	43.43	ng		
89) Benzo(a)pyrene	15.06	252	693889	40.98	ng	#	97
90) Dibenzo(a,h)anthracene	16.37	278	625199	43.82	ng		98
91) Benzo(g,h,i)perylene	16.73	276	623707	43.02	ng	#	91

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

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