Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086864.D
Acq On : 10 May 2016 17:19
Operator : UM/SJ
Sample : PB90444BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90444BS

Manual Integrations APPROVED
sohil
5/11/2016 8:15:12 PM

Quant Time: May 11 04:49:55 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	152083	20.00	ng		-0.01
21) Naphthalene-d8	7.97	136	644882	20.00	ng		-0.01
38) Acenaphthene-d10	9.72	164	308471	20.00	ng		-0.01
63) Phenanthrene-d10	11.20	188	569621	20.00	ng		-0.01
75) Chrysene-d12	13.83	240	395459	20.00	ng		-0.01
86) Perylene-d12	15.20	264	377880	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	739937	82.40	ng		0.00
7) Phenol-d6	6.35	99	1036292	86.34	ng		-0.01
23) Nitrobenzene-d5	7.26	82	997507	77.67	ng		0.00
41) 2,4,6-Tribromophenol	10.51	330	254452	77.92	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	1627724	88.68	ng		0.00
78) Terphenyl-d14	12.79	244	1513422	81.20	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	146284	33.18	ng	#	68
3) Pyridine	2.93	79	348757	32.36	ng	#	66
4) n-Nitrosodimethylamine	2.89	42	296971	38.00	ng	#	52
6) Aniline	6.35	93	248389	17.11	ng	#	1
8) 2-Chlorophenol	6.48	128	428052	39.50	ng		95
9) Benzaldehyde	6.24	77	39702	5.71	ng		95
10) Phenol	6.36	94	530225	37.17	ng		80
11) bis(2-Chloroethyl)ether	6.43	93	435071m	39.11	ng		
12) 1,3-Dichlorobenzene	6.62	146	439581	37.49	ng		98
13) 1,4-Dichlorobenzene	6.70	146	443082	37.05	ng		99
14) 1,2-Dichlorobenzene	6.85	146	396802	38.07	ng		98
15) Benzyl Alcohol	6.85	79	355240	42.86	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.98	45	888756	36.75	ng		95
17) 2-Methylphenol	6.97	107	352064	40.83	ng	#	84
18) Hexachloroethane	7.20	117	174041	38.68	ng	#	90
19) n-Nitroso-di-n-propylamine	7.12	70	347226	41.40	ng	#	74
20) 3+4-Methylphenols	7.13	107	469888	41.72	ng	#	61
22) Acetophenone	7.10	105	596863	39.18	ng		98
24) Nitrobenzene	7.28	77	465430	35.23	ng		97
25) Isophorone	7.52	82	857531	35.99	ng		98
26) 2-Nitrophenol	7.60	139	229045	39.44	ng	#	86
27) 2,4-Dimethylphenol	7.65	122	384938	38.91	ng		95
28) bis(2-Chloroethoxy)methane	7.73	93	514368	40.02	ng		99
29) 2,4-Dichlorophenol	7.85	162	352354	40.47	ng		96
30) 1,2,4-Trichlorobenzene	7.92	180	377204	38.75	ng		97
31) Naphthalene	8.00	128	1250671	38.72	ng		99
32) Benzoic acid	7.80	122	203369	35.00	ng	#	80
33) 4-Chloroaniline	8.06	127	98258	7.83	ng		95
34) Hexachlorobutadiene	8.11	225	206023	36.47	ng		98
35) Caprolactam	8.43	113	112060m	37.83	ng		
36) 4-Chloro-3-methylphenol	8.56	107	382432	36.22	ng		89
37) 2-Methylnaphthalene	8.68	142	755209	39.99	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	348324	38.84	ng		98
40) Hexachlorocyclopentadiene	8.84	237	364700	85.67	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	242840	40.49	ng		93
43) 2,4,5-Trichlorophenol	9.02	196	256691	41.39	ng	#	92
45) 1,1'-Biphenyl	9.15	154	980806	39.97	ng		97
46) 2-Chloronaphthalene	9.17	162	738955	38.44	ng		95
47) 2-Nitroaniline	9.29	65	278265	39.61	ng		93
48) Acenaphthylene	9.58	152	1078493	38.14	ng		99
49) Dimethylphthalate	9.46	163	884836	37.60	ng		100
50) 2,6-Dinitrotoluene	9.53	165	216824	43.78	ng	#	77
51) Acenaphthene	9.76	154	698792	39.73	ng		99
52) 3-Nitroaniline	9.70	138	75964	14.57	ng		99
53) 2,4-Dinitrophenol	9.80	184	200087	79.15	ng	#	74
54) Dibenzofuran	9.93	168	940240	41.64	ng		94
55) 4-Nitrophenol	9.88	139	242362	70.30	ng	#	48
56) 2,4-Dinitrotoluene	9.93	165	233561	38.11	ng	#	69
57) Fluorene	10.27	166	772936	40.14	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.05	232	208452	44.64	ng		97
59) Diethylphthalate	10.16	149	844407	36.82	ng		98
60) 4-Chlorophenyl-phenylether	10.27	204	369483	43.82	ng	#	77
61) 4-Nitroaniline	10.32	138	205422	41.02	ng		85
62) Azobenzene	10.42	77	996982	40.30	ng		82
64) 4,6-Dinitro-2-methylphenol	10.34	198	150124	42.42	ng		92
65) n-Nitrosodiphenylamine	10.38	169	685729	39.19	ng		100
66) 4-Bromophenyl-phenylether	10.75	248	221859	38.42	ng		98
67) Hexachlorobenzene	10.82	284	279294	41.38	ng	#	95
68) Atrazine	10.92	200	229328	39.23	ng		94
69) Pentachlorophenol	11.01	266	261957	83.98	ng		96
70) Phenanthrene	11.23	178	1272829	41.87	ng		100
71) Anthracene	11.28	178	1138320	36.62	ng		100
72) Carbazole	11.44	167	1050351	39.30	ng		99
73) Di-n-butylphthalate	11.77	149	1269649	38.90	ng	#	98
74) Fluoranthene	12.41	202	1249230	39.96	ng		96
76) Benzidine	12.55	184	179529	17.81	ng		96
77) Pyrene	12.64	202	1314664	43.42	ng		99
79) Butylbenzylphthalate	13.27	149	579981	45.29	ng		97
80) Benzo(a)anthracene	13.81	228	964231	43.43	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	214799	15.23	ng	#	95
82) Chrysene	13.86	228	1027556	45.50	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	703871	45.69	ng	#	98
84) Di-n-octyl phthalate	14.43	149	1277477	50.06	ng	#	83
85) Indeno(1,2,3-cd)pyrene	16.50	276	793954	42.26	ng		95
87) Benzo(b)fluoranthene	14.82	252	1182176m	48.14	ng		
88) Benzo(k)fluoranthene	14.85	252	687624m	34.20	ng		
89) Benzo(a)pyrene	15.15	252	867231	40.94	ng		98
90) Dibenzo(a,h)anthracene	16.50	278	658159	36.87	ng		99
91) Benzo(g,h,i)perylene	16.88	276	663252	36.56	ng		94

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

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