Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
Data File : BF080090.D
Acq On : 20 Jun 2015 9:21
Operator : TP/IZ
Sample : PB84072BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84072BSD

Manual Integrations APPROVED
apatel
6/22/2015 2:44:11 PM

Quant Time: Jun 22 01:49:05 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 17 16:41:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	44714	20.00	ng		-0.01
21) Naphthalene-d8	8.62	136	182183	20.00	ng		-0.01
38) Acenaphthene-d10	10.39	164	97130	20.00	ng		-0.01
63) Phenanthrene-d10	11.90	188	201184	20.00	ng		-0.01
75) Chrysene-d12	14.89	240	212991	20.00	ng		0.03
86) Perylene-d12	16.79	264	205614	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.94	112	374481	148.25	ng		0.00
7) Phenol-d6	6.94	99	490028	145.78	ng		0.00
23) Nitrobenzene-d5	7.89	82	295382	94.39	ng		-0.01
41) 2,4,6-Tribromophenol	11.19	330	140132	147.54	ng		-0.01
44) 2-Fluorobiphenyl	9.70	172	575565	84.51	ng		0.00
78) Terphenyl-d14	13.60	244	751125	82.36	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	38309	31.91	ng		88
3) Pyridine	4.04	79	134219	42.03	ng	#	80
4) n-Nitrosodimethylamine	3.94	42	64785	42.69	ng		89
6) Aniline	6.98	93	114101	24.67	ng		91
8) 2-Chlorophenol	7.11	128	126675	43.39	ng	#	81
9) Benzaldehyde	6.88	77	59731	30.78	ng		89
10) Phenol	6.95	94	170635	46.52	ng		86
11) bis(2-Chloroethyl)ether	7.05	93	123214	42.34	ng		87
12) 1,3-Dichlorobenzene	7.28	146	137682	39.26	ng		96
13) 1,4-Dichlorobenzene	7.35	146	153913m	46.15	ng		
14) 1,2-Dichlorobenzene	7.51	146	141014	43.45	ng		99
15) Benzyl Alcohol	7.45	79	114177	41.54	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	7.60	45	209233	48.44	ng		84
17) 2-Methylphenol	7.57	107	102343	41.04	ng	#	90
18) Hexachloroethane	7.85	117	49032	44.15	ng		89
19) n-Nitroso-di-n-propylamine	7.73	70	97191	41.65	ng	#	77
20) 3+4-Methylphenols	7.72	107	146088	45.39	ng		92
22) Acetophenone	7.73	105	184585	43.48	ng	#	80
24) Nitrobenzene	7.91	77	142064	43.98	ng	#	76
25) Isophorone	8.14	82	254218	40.36	ng	#	82
26) 2-Nitrophenol	8.23	139	67681	50.06	ng	#	74
27) 2,4-Dimethylphenol	8.25	122	130590	46.32	ng		87
28) bis(2-Chloroethoxy)methane	8.34	93	159359	43.07	ng	#	92
29) 2,4-Dichlorophenol	8.47	162	124263	51.47	ng		99
30) 1,2,4-Trichlorobenzene	8.56	180	126739	46.23	ng		98
31) Naphthalene	8.64	128	370154m	38.86	ng		
32) Benzoic acid	8.31	122	66758	39.17	ng	#	59
33) 4-Chloroaniline	8.68	127	79147m	19.42	ng		
34) Hexachlorobutadiene	8.77	225	70120	41.53	ng		99
35) Caprolactam	9.02	113	34438	43.95	ng	#	82
36) 4-Chloro-3-methylphenol	9.16	107	113895	41.82	ng		95
37) 2-Methylnaphthalene	9.34	142	283797	46.06	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.51	216	134784	47.69	ng		99
40) Hexachlorocyclopentadiene	9.50	237	102804	71.41	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.61	196	88885	46.22	ng		100
43) 2,4,5-Trichlorophenol	9.65	196	88654	40.01	ng	#	86
45) 1,1'-Biphenyl	9.81	154	322978	40.87	ng		96
46) 2-Chloronaphthalene	9.83	162	253064	39.47	ng	#	93
47) 2-Nitroaniline	9.92	65	73476	41.74	ng		93
48) Acenaphthylene	10.25	152	429659	40.15	ng		97
49) Dimethylphthalate	10.09	163	311885	42.71	ng	#	97
50) 2,6-Dinitrotoluene	10.15	165	60476	41.31	ng	#	35
51) Acenaphthene	10.42	154	266484	40.70	ng		93
52) 3-Nitroaniline	10.32	138	49304	29.19	ng	#	52
53) 2,4-Dinitrophenol	10.44	184	49840	83.38	ng	#	1
54) Dibenzofuran	10.60	168	375571	40.43	ng	#	85
55) 4-Nitrophenol	10.47	139	119476	88.50	ng	#	51
56) 2,4-Dinitrotoluene	10.56	165	93111	50.12	ng	#	82
57) Fluorene	10.95	166	318462	43.20	ng		91
58) 2,3,4,6-Tetrachlorophenol	10.71	232	75132	40.16	ng		99
59) Diethylphthalate	10.79	149	297229	40.42	ng		97
60) 4-Chlorophenyl-phenylether	10.93	204	142972	40.36	ng	#	81
61) 4-Nitroaniline	10.94	138	66941	38.37	ng	#	48
62) Azobenzene	11.09	77	299802	40.05	ng		85
64) 4,6-Dinitro-2-methylphenol	10.97	198	33773	36.75	ng		88
65) n-Nitrosodiphenylamine	11.04	169	264813	40.42	ng		92
66) 4-Bromophenyl-phenylether	11.43	248	94303	44.08	ng	#	89
67) Hexachlorobenzene	11.51	284	101968	42.89	ng	#	83
68) Atrazine	11.57	200	84066	40.62	ng		82
69) Pentachlorophenol	11.69	266	106042	78.71	ng		99
70) Phenanthrene	11.92	178	465450	38.21	ng		97
71) Anthracene	11.98	178	497613	42.43	ng		98
72) Carbazole	12.13	167	423209	37.80	ng		95
73) Di-n-butylphthalate	12.46	149	541614	41.87	ng	#	98
74) Fluoranthene	13.19	202	506391	39.04	ng		96
76) Benzidine	13.32	184	337938	56.76	ng		98
77) Pyrene	13.45	202	520813	39.71	ng		96
79) Butylbenzylphthalate	14.15	149	229238	43.53	ng	#	78
80) Benzo(a)anthracene	14.88	228	514318	39.64	ng		97
81) 3,3'-Dichlorobenzidine	14.83	252	175994	39.33	ng	#	94
82) Chrysene	14.93	228	476994m	39.87	ng		
83) Bis(2-ethylhexyl)phthalate	14.86	149	350410	42.10	ng		96
84) Di-n-octyl phthalate	15.67	149	593306	41.60	ng		95
85) Indeno(1,2,3-cd)pyrene	18.65	276	561438	37.21	ng	#	89
87) Benzo(b)fluoranthene	16.24	252	502105	40.33	ng	#	89
88) Benzo(k)fluoranthene	16.29	252	497918	39.28	ng	#	86
89) Benzo(a)pyrene	16.71	252	491782	41.60	ng	#	87
90) Dibenzo(a,h)anthracene	18.68	278	477272	39.44	ng	#	80
91) Benzo(g,h,i)perylene	19.21	276	476686	39.01	ng	#	77

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

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