Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
Data File : BF080259.D
Acq On : 1 Jul 2015 5:57
Operator : TP/IZ
Sample : G2838-07MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B13MS

Manual Integrations APPROVED
apatel
7/1/2015 4:17:51 PM

Quant Time: Jul 01 13:14:02 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 00:53:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	35689	20.00	ng		-0.03
21) Naphthalene-d8	8.57	136	144368	20.00	ng		-0.05
38) Acenaphthene-d10	10.36	164	74318	20.00	ng		-0.03
63) Phenanthrene-d10	11.90	188	152976	20.00	ng		-0.01
75) Chrysene-d12	15.27	240	159554m	20.00	ng		0.27
86) Perylene-d12	17.45	264	167977m	20.00	ng		0.53
System Monitoring Compounds							
5) 2-Fluorophenol	5.90	112	366725	181.90	ng		-0.03
7) Phenol-d6	6.89	99	455555	169.80	ng		-0.03
23) Nitrobenzene-d5	7.84	82	279168	112.57	ng		-0.03
41) 2,4,6-Tribromophenol	11.16	330	116719	160.61	ng		-0.02
44) 2-Fluorobiphenyl	9.66	172	490232	94.07	ng		-0.03
78) Terphenyl-d14	13.78	244	560116	81.99	ng		0.11
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	37442m	39.07	ng		
3) Pyridine	3.96	79	123680	48.53	ng	#	80
4) n-Nitrosodimethylamine	3.86	42	58275	48.11	ng		94
6) Aniline	6.96	93	153742	41.65	ng		95
8) 2-Chlorophenol	7.08	128	126182	54.15	ng		96
9) Benzaldehyde	6.84	77	61465	39.69	ng	#	89
10) Phenol	6.90	94	152138	51.96	ng	#	62
11) bis(2-Chloroethyl)ether	7.01	93	140062	60.30	ng		93
12) 1,3-Dichlorobenzene	7.22	146	139378	49.79	ng	#	88
13) 1,4-Dichlorobenzene	7.30	146	154395m	58.00	ng		
14) 1,2-Dichlorobenzene	7.46	146	143271	55.31	ng		100
15) Benzyl Alcohol	7.42	79	116577m	53.14	ng		
16) 2,2'-oxybis(1-Chloropropan	7.56	45	222592	64.56	ng		87
17) 2-Methylphenol	7.52	107	114811	57.68	ng	#	85
18) Hexachloroethane	7.81	117	49128	55.42	ng	#	86
19) n-Nitroso-di-n-propylamine	7.68	70	100183	53.78	ng	#	79
20) 3+4-Methylphenols	7.67	107	144858	56.39	ng		87
22) Acetophenone	7.69	105	181216	53.86	ng	#	81
24) Nitrobenzene	7.86	77	157032	61.35	ng	#	70
25) Isophorone	8.10	82	259246	51.95	ng	#	95
26) 2-Nitrophenol	8.18	139	70504	65.81	ng	#	61
27) 2,4-Dimethylphenol	8.21	122	127700	57.16	ng	#	80
28) bis(2-Chloroethoxy)methane	8.31	93	154203	52.59	ng	#	93
29) 2,4-Dichlorophenol	8.42	162	119376	62.40	ng		95
30) 1,2,4-Trichlorobenzene	8.52	180	123927	57.04	ng		98
31) Naphthalene	8.60	128	370606m	49.10	ng		
32) Benzoic acid	8.25	122	17183m	12.72	ng		
33) 4-Chloroaniline	8.64	127	101338	31.37	ng	#	94
34) Hexachlorobutadiene	8.72	225	77498	57.93	ng		99
35) Caprolactam	8.97	113	32979	53.11	ng	#	76
36) 4-Chloro-3-methylphenol	9.11	107	123362	57.17	ng	#	81
37) 2-Methylnaphthalene	9.29	142	267908	54.87	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.46	216	129377	59.82	ng		100
40) Hexachlorocyclopentadiene	9.45	237	95223	85.13	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.57	196	81647	55.49	ng		98
43) 2,4,5-Trichlorophenol	9.61	196	88653	52.29	ng	#	94
45) 1,1'-Biphenyl	9.76	154	333946	55.23	ng		96
46) 2-Chloronaphthalene	9.78	162	246610	50.27	ng	#	92
47) 2-Nitroaniline	9.88	65	77520	57.56	ng		86
48) Acenaphthylene	10.21	152	403073	49.22	ng		97
49) Dimethylphthalate	10.05	163	390472	69.89	ng	#	98
50) 2,6-Dinitrotoluene	10.12	165	68336	61.01	ng		92
51) Acenaphthene	10.39	154	249019	49.71	ng		98
52) 3-Nitroaniline	10.29	138	62230	48.15	ng	#	81
53) 2,4-Dinitrophenol	10.39	184	34541	76.07	ng	#	1
54) Dibenzofuran	10.56	168	383244	53.91	ng		97
55) 4-Nitrophenol	10.44	139	114141	110.50	ng	#	59
56) 2,4-Dinitrotoluene	10.53	165	86589	60.92	ng	#	86
57) Fluorene	10.90	166	288854	51.21	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.68	232	76943	53.76	ng		93
59) Diethylphthalate	10.76	149	301196	53.54	ng		99
60) 4-Chlorophenyl-phenylether	10.89	204	149590	55.19	ng		96
61) 4-Nitroaniline	10.90	138	58578	43.89	ng	#	53
62) Azobenzene	11.05	77	280404	48.96	ng		85
64) 4,6-Dinitro-2-methylphenol	10.94	198	31412	42.61	ng		85
65) n-Nitrosodiphenylamine	11.01	169	251761	50.54	ng		92
66) 4-Bromophenyl-phenylether	11.41	248	89222	54.85	ng	#	86
67) Hexachlorobenzene	11.49	284	90348	49.98	ng	#	89
68) Atrazine	11.56	200	80785	51.33	ng		83
69) Pentachlorophenol	11.69	266	99090	96.73	ng		98
70) Phenanthrene	11.93	178	458173	49.47	ng		97
71) Anthracene	11.99	178	474094	53.16	ng		99
72) Carbazole	12.15	167	412664	48.47	ng		97
73) Di-n-butylphthalate	12.52	149	517327	52.59	ng	#	99
74) Fluoranthene	13.32	202	511128	51.82	ng		93
76) Benzidine	13.46	184	311370	69.82	ng		97
77) Pyrene	13.61	202	547554	55.74	ng		97
79) Butylbenzylphthalate	14.42	149	215201	54.55	ng	#	79
80) Benzo(a)anthracene	15.25	228	506805m	52.14	ng		
81) 3,3'-Dichlorobenzidine	15.20	252	163521m	48.78	ng		
82) Chrysene	15.31	228	469773m	52.41	ng		
83) Bis(2-ethylhexyl)phthalate	15.26	149	308617m	49.50	ng		
84) Di-n-octyl phthalate	16.25	149	550238m	51.50	ng		
85) Indeno(1,2,3-cd)pyrene	19.36	276	561051m	49.64	ng		
87) Benzo(b)fluoranthene	16.88	252	497995m	48.97	ng		
88) Benzo(k)fluoranthene	16.92	252	508517m	49.10	ng		
89) Benzo(a)pyrene	17.37	252	498082m	51.57	ng		
90) Dibenzo(a,h)anthracene	19.40	278	469202m	47.46	ng		
91) Benzo(g,h,i)perylene	19.92	276	477186m	47.81	ng		

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

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