Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081315\
Data File : BF080986.D
Acq On : 13 Aug 2015 18:03
Operator : UM/IZ
Sample : G3238-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-A(2)MS

Manual Integrations APPROVED
MMDadoda
8/14/2015 3:08:52 PM

Quant Time: Aug 14 07:32:40 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 08 01:33:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	42251	20.00	ng		-0.06
21) Naphthalene-d8	8.04	136	154758	20.00	ng		-0.06
38) Acenaphthene-d10	9.79	164	72549	20.00	ng		-0.06
63) Phenanthrene-d10	11.26	188	109005	20.00	ng		-0.06
75) Chrysene-d12	13.89	240	122377	20.00	ng		-0.07
86) Perylene-d12	15.28	264	57815	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	128429	49.66	ng		-0.05
7) Phenol-d6	6.38	99	114047	32.18	ng		-0.06
23) Nitrobenzene-d5	7.32	82	287663	87.92	ng		-0.06
41) 2,4,6-Tribromophenol	10.58	330	51533	64.66	ng		-0.06
44) 2-Fluorobiphenyl	9.12	172	324623	62.99	ng		-0.06
78) Terphenyl-d14	12.85	244	361419	61.00	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	14676	11.97	ng	#	76
3) Pyridine	3.01	79	45305	13.03	ng	#	85
4) n-Nitrosodimethylamine	2.93	42	34817	19.61	ng	#	75
6) Aniline	6.41	93	76787	14.75	ng	#	88
8) 2-Chlorophenol	6.53	128	89070	29.77	ng		89
9) Benzaldehyde	6.29	77	104333	43.68	ng		98
10) Phenol	6.40	94	46485	11.06	ng		77
11) bis(2-Chloroethyl)ether	6.49	93	116188	37.01	ng		95
12) 1,3-Dichlorobenzene	6.69	146	104240	32.83	ng		97
13) 1,4-Dichlorobenzene	6.77	146	106103	32.15	ng		99
14) 1,2-Dichlorobenzene	6.92	146	98419	32.99	ng		97
15) Benzyl Alcohol	6.90	79	79387	27.38	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.04	45	257156	40.72	ng		93
17) 2-Methylphenol	7.02	107	62291	24.39	ng	#	85
18) Hexachloroethane	7.26	117	81852	64.74	ng		98
19) n-Nitroso-di-n-propylamine	7.17	70	95441	36.85	ng		87
20) 3+4-Methylphenols	7.17	107	70701	22.03	ng		97
22) Acetophenone	7.16	105	181387	47.83	ng	#	95
24) Nitrobenzene	7.34	77	158372	47.01	ng	#	84
25) Isophorone	7.58	82	265573	42.21	ng		95
26) 2-Nitrophenol	7.65	139	46934	33.11	ng	#	79
27) 2,4-Dimethylphenol	7.70	122	80207	30.22	ng		88
28) bis(2-Chloroethoxy)methane	7.80	93	159078	42.11	ng		96
29) 2,4-Dichlorophenol	7.90	162	78704	36.09	ng		98
30) 1,2,4-Trichlorobenzene	7.98	180	89676	37.62	ng		98
31) Naphthalene	8.06	128	952359	111.64	ng		97
32) Benzoic acid	7.81	122	21133	13.30	ng	#	22
33) 4-Chloroaniline	8.11	127	55149	15.91	ng		95
34) Hexachlorobutadiene	8.18	225	47308	33.36	ng		98
35) Caprolactam	8.54	113	6736m	8.59	ng		
36) 4-Chloro-3-methylphenol	8.60	107	82354	30.95	ng		92
37) 2-Methylnaphthalene	8.76	142	781891	143.99	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	71661	32.04	ng	#	96
40) Hexachlorocyclopentadiene	8.91	237	75086	61.52	ng		96

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	45309	27.64	ng		99
43) 2,4,5-Trichlorophenol	9.08	196	38065	23.04	ng	#	72
45) 1,1'-Biphenyl	9.22	154	255741	41.07	ng		99
46) 2-Chloronaphthalene	9.24	162	143408	29.54	ng		97
47) 2-Nitroaniline	9.34	65	77768	39.95	ng		98
48) Acenaphthylene	9.65	152	251369	29.78	ng		98
49) Dimethylphthalate	9.53	163	192118	31.88	ng		100
50) 2,6-Dinitrotoluene	9.58	165	40080	32.19	ng		90
51) Acenaphthene	9.82	154	217824	42.14	ng		99
52) 3-Nitroaniline	9.74	138	25254	16.45	ng	#	83
53) 2,4-Dinitrophenol	9.86	184	48199	64.97	ng	#	70
54) Dibenzofuran	10.00	168	286963	41.06	ng		92
55) 4-Nitrophenol	9.93	139	28258	24.59	ng	#	39
56) 2,4-Dinitrotoluene	9.98	165	74907	44.96	ng	#	90
57) Fluorene	10.34	166	210784	38.99	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	44977	34.41	ng	#	79
59) Diethylphthalate	10.21	149	210907	33.62	ng		98
60) 4-Chlorophenyl-phenylether	10.33	204	72671	27.59	ng		90
61) 4-Nitroaniline	10.36	138	42901	27.16	ng	#	85
62) Azobenzene	10.49	77	208488	29.72	ng		91
64) 4,6-Dinitro-2-methylphenol	10.38	198	23486	34.77	ng	#	39
65) n-Nitrosodiphenylamine	10.45	169	171448	45.27	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	56729	49.14	ng	#	90
67) Hexachlorobenzene	10.89	284	53760	41.88	ng	#	95
68) Atrazine	11.00	200	43754	39.41	ng		98
69) Pentachlorophenol	11.08	266	50049	67.06	ng		96
70) Phenanthrene	11.29	178	272387	44.13	ng		99
71) Anthracene	11.34	178	283131m	46.33	ng		
72) Carbazole	11.50	167	520607	87.50	ng	#	96
73) Di-n-butylphthalate	11.84	149	404574	54.38	ng		99
74) Fluoranthene	12.48	202	368890	55.29	ng		97
77) Pyrene	12.70	202	305691	33.81	ng		99
79) Butylbenzylphthalate	13.32	149	119838	27.50	ng	#	59
80) Benzo(a)anthracene	13.88	228	300916	38.93	ng		100
81) 3,3'-Dichlorobenzidine	13.85	252	35041	12.46	ng	#	95
82) Chrysene	13.92	228	212419	28.70	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	218960	36.11	ng	#	93
84) Di-n-octyl phthalate	14.50	149	272095	26.46	ng		96
85) Indeno(1,2,3-cd)pyrene	16.59	276	202988	28.82	ng		100
87) Benzo(b)fluoranthene	14.89	252	226188m	56.26	ng		
88) Benzo(k)fluoranthene	14.91	252	208406m	59.26	ng		
89) Benzo(a)pyrene	15.22	252	168246	48.69	ng		99
90) Dibenzo(a,h)anthracene	16.60	278	168229	55.05	ng		97
91) Benzo(g,h,i)perylene	16.98	276	164151	55.22	ng		99

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

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