Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062615\
Data File : BF080190.D
Acq On : 26 Jun 2015 15:35
Operator : TP/IZ
Sample : G2809-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NORTHPADBOTTOM-062515MS

Manual Integrations APPROVED
apatel
6/29/2015 11:32:53 AM

Quant Time: Jun 26 23:47:24 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 26 23:02:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	32056	20.00	ng		0.00
21) Naphthalene-d8	8.58	136	132423	20.00	ng		0.00
38) Acenaphthene-d10	10.36	164	68472	20.00	ng		0.00
63) Phenanthrene-d10	11.86	188	136835	20.00	ng		-0.02
75) Chrysene-d12	14.80	240	141047	20.00	ng		-0.23
86) Perylene-d12	16.65	264	138025	20.00	ng		-0.37
System Monitoring Compounds							
5) 2-Fluorophenol	5.90	112	176825	97.64	ng		0.00
7) Phenol-d6	6.89	99	232968	96.68	ng		0.00
23) Nitrobenzene-d5	7.85	82	148535	65.30	ng		0.00
41) 2,4,6-Tribromophenol	11.16	330	61717	92.18	ng		0.00
44) 2-Fluorobiphenyl	9.66	172	266600	55.53	ng		0.00
78) Terphenyl-d14	13.53	244	317176	52.52	ng		-0.13
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	18639	21.65	ng		88
3) Pyridine	3.98	79	60632	26.49	ng	#	84
4) n-Nitrosodimethylamine	3.88	42	31838	29.27	ng		100
6) Aniline	6.95	93	109840	33.13	ng		96
8) 2-Chlorophenol	7.08	128	68970	32.95	ng		91
9) Benzaldehyde	6.84	77	36271	26.07	ng	#	70
10) Phenol	6.92	94	79490	30.23	ng		88
11) bis(2-Chloroethyl)ether	7.01	93	59660	28.59	ng		95
12) 1,3-Dichlorobenzene	7.24	146	74077	29.46	ng	#	91
13) 1,4-Dichlorobenzene	7.32	146	77260	32.31	ng		95
14) 1,2-Dichlorobenzene	7.46	146	67749m	29.12	ng		
15) Benzyl Alcohol	7.42	79	61003	30.96	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	7.56	45	102287	33.03	ng		89
17) 2-Methylphenol	7.52	107	51021	28.54	ng	#	83
18) Hexachloroethane	7.82	117	24094	30.26	ng	#	82
19) n-Nitroso-di-n-propylamine	7.69	70	46481	27.78	ng	#	78
20) 3+4-Methylphenols	7.68	107	73201	31.73	ng		90
22) Acetophenone	7.69	105	98187	31.82	ng	#	83
24) Nitrobenzene	7.88	77	68746	29.28	ng	#	80
25) Isophorone	8.10	82	132683	28.98	ng	#	84
26) 2-Nitrophenol	8.20	139	31821	32.38	ng	#	79
27) 2,4-Dimethylphenol	8.22	122	60466	29.51	ng	#	84
28) bis(2-Chloroethoxy)methane	8.31	93	84576	31.45	ng	#	91
29) 2,4-Dichlorophenol	8.44	162	58384	33.27	ng		97
30) 1,2,4-Trichlorobenzene	8.53	180	65104	32.67	ng		99
31) Naphthalene	8.61	128	203163m	29.34	ng		
32) Benzoic acid	8.26	122	8878	7.17	ng	#	61
33) 4-Chloroaniline	8.64	127	78801m	26.59	ng		
34) Hexachlorobutadiene	8.73	225	34848	28.40	ng		98
35) Caprolactam	8.97	113	16079	28.23	ng	#	79
36) 4-Chloro-3-methylphenol	9.11	107	56879	28.73	ng	#	72
37) 2-Methylnaphthalene	9.30	142	148742	33.21	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	9.48	216	63247	31.74	ng		99
40) Hexachlorocyclopentadiene	9.46	237	50880	52.00	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.58	196	44933	33.14	ng		99
43) 2,4,5-Trichlorophenol	9.61	196	45769	29.30	ng	#	93
45) 1,1'-Biphenyl	9.76	154	160285	28.77	ng		92
46) 2-Chloronaphthalene	9.80	162	138630	30.67	ng		95
47) 2-Nitroaniline	9.88	65	37005	29.82	ng	#	61
48) Acenaphthylene	10.22	152	229569	30.43	ng		98
49) Dimethylphthalate	10.05	163	187415	36.41	ng	#	97
50) 2,6-Dinitrotoluene	10.12	165	32485	31.48	ng	#	60
51) Acenaphthene	10.39	154	138889	30.09	ng		91
52) 3-Nitroaniline	10.29	138	36104	30.32	ng	#	59
53) 2,4-Dinitrophenol	10.40	184	17638	44.76	ng	#	19
54) Dibenzofuran	10.56	168	199035	30.39	ng	#	90
55) 4-Nitrophenol	10.44	139	60822	63.91	ng	#	65
56) 2,4-Dinitrotoluene	10.53	165	47103	35.97	ng	#	92
57) Fluorene	10.90	166	151415	29.14	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.68	232	37638	28.54	ng		98
59) Diethylphthalate	10.76	149	150849	29.10	ng		97
60) 4-Chlorophenyl-phenylether	10.89	204	74493	29.83	ng	#	88
61) 4-Nitroaniline	10.90	138	38937	31.66	ng	#	59
62) Azobenzene	11.05	77	160714	30.46	ng		87
64) 4,6-Dinitro-2-methylphenol	10.94	198	18317	31.07	ng		93
65) n-Nitrosodiphenylamine	11.01	169	143903	32.30	ng		93
66) 4-Bromophenyl-phenylether	11.40	248	43096	29.62	ng	#	82
67) Hexachlorobenzene	11.48	284	46135	28.53	ng	#	76
68) Atrazine	11.53	200	38076	27.05	ng		83
69) Pentachlorophenol	11.66	266	48942	53.41	ng		99
70) Phenanthrene	11.89	178	246437	29.75	ng		97
71) Anthracene	11.94	178	236466	29.64	ng		99
72) Carbazole	12.09	167	215656	28.32	ng		97
73) Di-n-butylphthalate	12.41	149	241009	27.39	ng	#	98
74) Fluoranthene	13.13	202	253928	28.78	ng		95
76) Benzidine	13.26	184	238019	60.37	ng		97
77) Pyrene	13.40	202	271539	31.27	ng		97
79) Butylbenzylphthalate	14.08	149	107416	30.80	ng		97
80) Benzo(a)anthracene	14.79	228	262750	30.58	ng		97
81) 3,3'-Dichlorobenzidine	14.73	252	88693	29.93	ng	#	92
82) Chrysene	14.84	228	235214	29.69	ng		95
83) Bis(2-ethylhexyl)phthalate	14.77	149	154754	28.08	ng		95
84) Di-n-octyl phthalate	15.56	149	254192	26.91	ng		96
85) Indeno(1,2,3-cd)pyrene	18.48	276	281678	28.19	ng	#	89
87) Benzo(b)fluoranthene	16.12	252	256818	30.73	ng	#	89
88) Benzo(k)fluoranthene	16.15	252	245008	28.79	ng	#	90
89) Benzo(a)pyrene	16.57	252	243499	30.68	ng	#	87
90) Dibenzo(a,h)anthracene	18.51	278	236438	29.11	ng	#	81
91) Benzo(g,h,i)perylene	19.03	276	241622	29.46	ng	#	77

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

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