Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078409.D
Acq On : 10 Apr 2015 19:54
Operator : TP/IZ
Sample : G1791-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SD08CMS

Manual Integrations APPROVED
apatel
4/13/2015 4:16:30 PM

Quant Time: Apr 13 10:57:33 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 11 00:31:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	29678	20.00	ng		-0.01
21) Naphthalene-d8	8.44	136	125087	20.00	ng		0.00
38) Acenaphthene-d10	10.59	164	67859	20.00	ng		0.00
63) Phenanthrene-d10	12.42	188	139920	20.00	ng		0.00
75) Chrysene-d12	15.69	240	153136	20.00	ng		0.00
86) Perylene-d12	17.43	264	147204	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	163624	90.90	ng		0.00
7) Phenol-d6	6.45	99	208564	92.46	ng		-0.01
23) Nitrobenzene-d5	7.56	82	121539	58.89	ng		0.00
41) 2,4,6-Tribromophenol	11.57	330	57949	102.97	ng		0.00
44) 2-Fluorobiphenyl	9.78	172	222364	46.84	ng		0.00
78) Terphenyl-d14	14.41	244	302083	44.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.65	88	22378m	27.49	ng		
3) Pyridine	2.25	79	62454	29.29	ng		92
4) n-Nitrosodimethylamine	2.19	42	24052m	29.31	ng		
6) Aniline	6.44	93	66061	20.65	ng		92
8) 2-Chlorophenol	6.59	128	67660	31.79	ng		97
9) Benzaldehyde	6.29	77	20494	13.71	ng		84
10) Phenol	6.48	94	87282	32.29	ng		98
11) bis(2-Chloroethyl)ether	6.56	93	60864	31.31	ng		92
12) 1,3-Dichlorobenzene	6.77	146	67908	29.05	ng		99
13) 1,4-Dichlorobenzene	6.88	146	68144	28.96	ng		99
14) 1,2-Dichlorobenzene	7.06	146	65968	29.90	ng		98
15) Benzyl Alcohol	7.06	79	54656	34.48	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.24	45	85372	32.93	ng		97
17) 2-Methylphenol	7.22	107	52155	31.56	ng		97
18) Hexachloroethane	7.48	117	23793	29.98	ng		96
19) n-Nitroso-di-n-propylamine	7.39	70	47066	31.62	ng	#	88
20) 3+4-Methylphenols	7.42	107	71681	32.52	ng		90
22) Acetophenone	7.38	105	95302	32.70	ng	#	92
24) Nitrobenzene	7.58	77	68336	31.68	ng		92
25) Isophorone	7.88	82	124308	31.74	ng	#	91
26) 2-Nitrophenol	7.97	139	32159	31.28	ng	#	78
27) 2,4-Dimethylphenol	8.06	122	61485	32.16	ng		95
28) bis(2-Chloroethoxy)methane	8.18	93	83425	33.22	ng		98
29) 2,4-Dichlorophenol	8.28	162	58524	33.65	ng		89
30) 1,2,4-Trichlorobenzene	8.37	180	59044	29.61	ng		98
31) Naphthalene	8.46	128	194606	29.89	ng		99
32) Benzoic acid	8.16	122	4249	9.95	ng		97
33) 4-Chloroaniline	8.56	127	63415	23.47	ng		97
34) Hexachlorobutadiene	8.62	225	32812	29.97	ng		97
35) Caprolactam	8.97	113	17811	34.31	ng	#	84
36) 4-Chloro-3-methylphenol	9.17	107	62123	35.40	ng		92
37) 2-Methylnaphthalene	9.32	142	135558	30.67	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.53	216	59072	28.09	ng		99
40) Hexachlorocyclopentadiene	9.50	237	43492	50.77	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.68	196	43297	32.65	ng		97
43) 2,4,5-Trichlorophenol	9.72	196	43326	31.27	ng		98
45) 1,1'-Biphenyl	9.90	154	164726	29.68	ng		99
46) 2-Chloronaphthalene	9.92	162	129876	29.74	ng		96
47) 2-Nitroaniline	10.05	65	36362	33.65	ng		96
48) Acenaphthylene	10.42	152	209481	29.70	ng		100
49) Dimethylphthalate	10.30	163	186145	36.51	ng	#	97
50) 2,6-Dinitrotoluene	10.37	165	32742	31.22	ng		96
51) Acenaphthene	10.64	154	119475	30.09	ng		100
52) 3-Nitroaniline	10.57	138	36217	30.37	ng		95
53) 2,4-Dinitrophenol	10.70	184	8406	32.04	ng		94
54) Dibenzofuran	10.85	168	184681	30.45	ng		92
55) 4-Nitrophenol	10.81	139	52792	60.80	ng	#	79
56) 2,4-Dinitrotoluene	10.86	165	45786	33.70	ng	#	88
57) Fluorene	11.26	166	152006	30.92	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.01	232	36147	35.20	ng	#	97
59) Diethylphthalate	11.17	149	162290	33.01	ng		99
60) 4-Chlorophenyl-phenylether	11.29	204	72960	32.26	ng	#	89
61) 4-Nitroaniline	11.31	138	35548	29.48	ng		91
62) Azobenzene	11.48	77	193466	43.12	ng		88
64) 4,6-Dinitro-2-methylphenol	11.36	198	16930	28.59	ng	#	75
65) n-Nitrosodiphenylamine	11.44	169	139074	28.73	ng		97
66) 4-Bromophenyl-phenylether	11.88	248	41212	27.81	ng		94
67) Hexachlorobenzene	11.94	284	45515	28.03	ng		96
68) Atrazine	12.12	200	47618	33.97	ng		98
69) Pentachlorophenol	12.19	266	42701	61.31	ng		99
70) Phenanthrene	12.44	178	228218	28.20	ng		99
71) Anthracene	12.51	178	234831	29.44	ng		99
72) Carbazole	12.73	167	231807	31.01	ng		99
73) Di-n-butylphthalate	13.20	149	287463	33.95	ng		99
74) Fluoranthene	13.91	202	264915	31.04	ng		99
76) Benzidine	14.11	184	147141	24.95	ng		98
77) Pyrene	14.18	202	276663	28.78	ng		99
79) Butylbenzylphthalate	15.04	149	129848	35.44	ng		89
80) Benzo(a)anthracene	15.68	228	275252	30.21	ng		100
81) 3,3'-Dichlorobenzidine	15.67	252	82329	26.98	ng	#	99
82) Chrysene	15.71	228	238005	27.80	ng		99
83) Bis(2-ethylhexyl)phthalate	15.77	149	206760	35.98	ng		98
84) Di-n-octyl phthalate	16.57	149	355288	37.65	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.68	276	281228	28.95	ng	#	86
87) Benzo(b)fluoranthene	16.98	252	258786	28.45	ng		98
88) Benzo(k)fluoranthene	17.01	252	245669m	30.39	ng		
89) Benzo(a)pyrene	17.36	252	247769	31.21	ng		98
90) Dibenzo(a,h)anthracene	18.71	278	234993	29.56	ng		99
91) Benzo(g,h,i)perylene	19.04	276	232689	29.20	ng		95

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

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