Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
Data File : BF079072.D
Acq On : 9 May 2015 9:29
Operator : TP/IZ
Sample : G2151-01MSD
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-16-3.5MSD

Manual Integrations APPROVED
apatel
5/12/2015 3:44:55 PM

Quant Time: May 11 01:34:51 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 11 00:37:37 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	71008	20.00	ng		0.00
21) Naphthalene-d8	8.90	136	293115	20.00	ng		0.00
38) Acenaphthene-d10	11.07	164	148776	20.00	ng		0.00
63) Phenanthrene-d10	12.91	188	274195	20.00	ng		0.00
75) Chrysene-d12	16.22	240	262085	20.00	ng		0.00
86) Perylene-d12	17.97	264	260103	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	636109	154.20	ng		0.01
7) Phenol-d6	6.89	99	836439	153.40	ng		0.01
23) Nitrobenzene-d5	8.01	82	462212	90.63	ng		0.00
41) 2,4,6-Tribromophenol	12.06	330	239000	148.50	ng		0.00
44) 2-Fluorobiphenyl	10.24	172	912253	85.43	ng		0.00
78) Terphenyl-d14	14.91	244	1013364	92.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	71902	40.09	ng	#	27
3) Pyridine	3.15	79	205091	39.07	ng		99
4) n-Nitrosodimethylamine	2.96	42	94756m	42.13	ng		
6) Aniline	6.91	93	166719	21.66	ng	#	13
8) 2-Chlorophenol	7.05	128	229261	49.00	ng		92
9) Benzaldehyde	6.76	77	145648	39.65	ng		90
10) Phenol	6.91	94	325341	51.43	ng		86
11) bis(2-Chloroethyl)ether	7.00	93	217374	46.88	ng		99
12) 1,3-Dichlorobenzene	7.24	146	242216	46.06	ng	#	94
13) 1,4-Dichlorobenzene	7.35	146	243457	44.99	ng		95
14) 1,2-Dichlorobenzene	7.53	146	228837	45.42	ng		96
15) Benzyl Alcohol	7.51	79	195781	48.37	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.68	45	335354	47.27	ng		99
17) 2-Methylphenol	7.66	107	188482	50.06	ng		96
18) Hexachloroethane	7.94	117	85085	45.64	ng		89
19) n-Nitroso-di-n-propylamine	7.84	70	174151	47.29	ng	#	82
20) 3+4-Methylphenols	7.84	107	256403	51.11	ng	#	46
22) Acetophenone	7.83	105	343084	51.81	ng	#	93
24) Nitrobenzene	8.03	77	235887	46.66	ng		97
25) Isophorone	8.33	82	441709	46.72	ng		99
26) 2-Nitrophenol	8.43	139	116650	55.75	ng		96
27) 2,4-Dimethylphenol	8.49	122	218907	52.28	ng		96
28) bis(2-Chloroethoxy)methane	8.62	93	279550	47.96	ng		99
29) 2,4-Dichlorophenol	8.73	162	201401	54.09	ng		95
30) 1,2,4-Trichlorobenzene	8.83	180	192970	47.18	ng		98
31) Naphthalene	8.92	128	689603	49.37	ng		99
32) Benzoic acid	8.60	122	135247	51.10	ng		98
33) 4-Chloroaniline	8.99	127	92657	15.68	ng		99
34) Hexachlorobutadiene	9.07	225	102937	43.70	ng		97
35) Caprolactam	9.43	113	61376	50.98	ng		97
36) 4-Chloro-3-methylphenol	9.60	107	206205	52.73	ng		97
37) 2-Methylnaphthalene	9.78	142	469615	48.52	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.99	216	186403	44.49	ng	#	100
40) Hexachlorocyclopentadiene	9.98	237	168350	79.90	ng		98

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.14	196	139230	48.33	ng		95
43) 2,4,5-Trichlorophenol	10.18	196	144632	49.66	ng	#	87
45) 1,1'-Biphenyl	10.37	154	558055	47.18	ng		98
46) 2-Chloronaphthalene	10.39	162	433090	46.94	ng		96
47) 2-Nitroaniline	10.51	65	129190	48.33	ng		95
48) Acenaphthylene	10.90	152	705269	46.56	ng		99
49) Dimethylphthalate	10.75	163	571571	52.35	ng		100
50) 2,6-Dinitrotoluene	10.82	165	103944	48.24	ng		96
51) Acenaphthene	11.12	154	408710	45.25	ng		97
52) 3-Nitroaniline	11.03	138	60986	22.66	ng	#	96
53) 2,4-Dinitrophenol	11.17	184	84183	86.79	ng	#	76
54) Dibenzofuran	11.33	168	618556	47.41	ng		96
55) 4-Nitrophenol	11.25	139	220022	103.27	ng		95
56) 2,4-Dinitrotoluene	11.33	165	148912	52.27	ng	#	73
57) Fluorene	11.76	166	504242	47.08	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.49	232	115588	48.57	ng	#	100
59) Diethylphthalate	11.63	149	511239	47.26	ng		98
60) 4-Chlorophenyl-phenylether	11.76	204	219486	46.20	ng		91
61) 4-Nitroaniline	11.78	138	111590	41.44	ng		94
62) Azobenzene	11.95	77	520627	48.84	ng		94
64) 4,6-Dinitro-2-methylphenol	11.83	198	59281	50.68	ng	#	61
65) n-Nitrosodiphenylamine	11.91	169	428688	46.95	ng		99
66) 4-Bromophenyl-phenylether	12.37	248	134926	47.21	ng	#	87
67) Hexachlorobenzene	12.43	284	159768	48.91	ng	#	82
68) Atrazine	12.58	200	133532	50.29	ng		97
69) Pentachlorophenol	12.69	266	159788	83.30	ng		98
70) Phenanthrene	12.95	178	716945	46.74	ng		99
71) Anthracene	13.02	178	746156	49.58	ng		99
72) Carbazole	13.22	167	709446	49.46	ng		98
73) Di-n-butylphthalate	13.67	149	858783	49.93	ng	#	97
74) Fluoranthene	14.42	202	765363	47.88	ng		99
76) Benzidine	14.61	184	252093	35.69	ng		99
77) Pyrene	14.71	202	786106	52.05	ng		99
79) Butylbenzylphthalate	15.53	149	366156	55.46	ng		91
80) Benzo(a)anthracene	16.21	228	714411	49.78	ng		99
81) 3,3'-Dichlorobenzidine	16.18	252	209027	40.89	ng		99
82) Chrysene	16.25	228	647143	46.88	ng		100
83) Bis(2-ethylhexyl)phthalate	16.25	149	524719	52.48	ng	#	99
84) Di-n-octyl phthalate	17.05	149	927756	52.68	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.45	276	816846	46.44	ng	#	100
87) Benzo(b)fluoranthene	17.51	252	759625	53.36	ng		100
88) Benzo(k)fluoranthene	17.54	252	603940	43.82	ng		99
89) Benzo(a)pyrene	17.90	252	661244	50.44	ng	#	97
90) Dibenzo(a,h)anthracene	19.47	278	651719	46.78	ng		97
91) Benzo(g,h,i)perylene	19.90	276	661458	47.37	ng		99

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

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