Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
Data File : BF077600.D
Acq On : 5 Mar 2015 2:36
Operator : TP/IZ
Sample : G1416-01MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-013MSD

Manual Integrations APPROVED
mohammad
3/5/2015 12:48:07 PM

Quant Time: Mar 05 05:15:12 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 21:51:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	60909	20.00	ng		0.00
21) Naphthalene-d8	8.80	136	251974	20.00	ng		0.00
38) Acenaphthene-d10	10.97	164	123154	20.00	ng		0.00
63) Phenanthrene-d10	12.81	188	240089	20.00	ng		0.00
75) Chrysene-d12	16.09	240	253965	20.00	ng		-0.01
86) Perylene-d12	17.76	264	253296	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	393272	107.79	ng		0.00
7) Phenol-d6	6.78	99	501795	106.97	ng		0.00
23) Nitrobenzene-d5	7.91	82	299636	73.95	ng		0.00
41) 2,4,6-Tribromophenol	11.95	330	131825	111.17	ng		0.00
44) 2-Fluorobiphenyl	10.14	172	607884	76.96	ng		0.00
78) Terphenyl-d14	14.80	244	718686	66.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.15	88	44994	29.06	ng		99
3) Pyridine	2.90	79	108491	24.49	ng		98
4) n-Nitrosodimethylamine	2.79	42	65358	33.94	ng		98
6) Aniline	6.81	93	112972	17.42	ng	#	68
8) 2-Chlorophenol	6.95	128	139703	32.46	ng		86
9) Benzaldehyde	6.67	77	23938	8.41	ng		99
10) Phenol	6.80	94	186219	33.46	ng		87
11) bis(2-Chloroethyl)ether	6.91	93	138842	34.71	ng		92
12) 1,3-Dichlorobenzene	7.14	146	147236	31.42	ng		99
13) 1,4-Dichlorobenzene	7.24	146	151546	31.79	ng		98
14) 1,2-Dichlorobenzene	7.43	146	149218	32.90	ng		99
15) Benzyl Alcohol	7.40	79	116496	32.67	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.58	45	187144	32.73	ng		98
17) 2-Methylphenol	7.55	107	114701	34.10	ng		97
18) Hexachloroethane	7.84	117	50910	31.97	ng		97
19) n-Nitroso-di-n-propylamine	7.74	70	97930	32.87	ng		96
20) 3+4-Methylphenols	7.74	107	147914	33.38	ng	#	75
22) Acetophenone	7.73	105	193058	32.57	ng	#	86
24) Nitrobenzene	7.94	77	145592	34.15	ng		95
25) Isophorone	8.23	82	269157	33.48	ng		97
26) 2-Nitrophenol	8.33	139	67534	38.65	ng		96
27) 2,4-Dimethylphenol	8.39	122	128303	32.82	ng		99
28) bis(2-Chloroethoxy)methane	8.52	93	158163	31.14	ng		98
29) 2,4-Dichlorophenol	8.63	162	120706	32.89	ng		93
30) 1,2,4-Trichlorobenzene	8.73	180	123233	30.55	ng		99
31) Naphthalene	8.82	128	403219	32.00	ng		100
32) Benzoic acid	8.48	122	51459	27.09	ng		96
33) 4-Chloroaniline	8.90	127	109002	19.46	ng		96
34) Hexachlorobutadiene	8.98	225	73514	31.92	ng		99
35) Caprolactam	9.32	113	34416	30.72	ng	#	70
36) 4-Chloro-3-methylphenol	9.51	107	124769	33.82	ng		99
37) 2-Methylnaphthalene	9.68	142	283156	31.64	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.89	216	122667	34.71	ng		98
40) Hexachlorocyclopentadiene	9.88	237	107320	56.64	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	10.03	196	84289	36.02	ng		98
43) 2,4,5-Trichlorophenol	10.08	196	91352	36.51	ng	#	87
45) 1,1'-Biphenyl	10.26	154	334393	35.84	ng		95
46) 2-Chloronaphthalene	10.28	162	258958	35.39	ng		99
47) 2-Nitroaniline	10.41	65	70928	39.38	ng	#	57
48) Acenaphthylene	10.79	152	436426	37.67	ng		99
49) Dimethylphthalate	10.65	163	328958	38.00	ng		99
50) 2,6-Dinitrotoluene	10.72	165	67142	38.67	ng		93
51) Acenaphthene	11.01	154	247424	35.79	ng		100
52) 3-Nitroaniline	10.92	138	60837	30.40	ng		95
53) 2,4-Dinitrophenol	11.06	184	40083	75.88	ng	#	83
54) Dibenzofuran	11.23	168	384487	36.02	ng		95
55) 4-Nitrophenol	11.14	139	116870	72.59	ng	#	69
56) 2,4-Dinitrotoluene	11.22	165	92794	39.56	ng	#	82
57) Fluorene	11.65	166	309959	36.32	ng		97
58) 2,3,4,6-Tetrachlorophenol	11.38	232	75951	37.75	ng		95
59) Diethylphthalate	11.53	149	305443	35.79	ng		98
60) 4-Chlorophenyl-phenylether	11.66	204	138964	33.80	ng		93
61) 4-Nitroaniline	11.68	138	71706	37.38	ng		99
62) Azobenzene	11.85	77	302193	37.32	ng		92
64) 4,6-Dinitro-2-methylphenol	11.72	198	29968	32.58	ng		88
65) n-Nitrosodiphenylamine	11.81	169	266759	33.49	ng		99
66) 4-Bromophenyl-phenylether	12.27	248	86244	30.68	ng	#	88
67) Hexachlorobenzene	12.32	284	91742	30.40	ng	#	81
68) Atrazine	12.48	200	82101	31.70	ng		98
69) Pentachlorophenol	12.57	266	101357	63.91	ng		98
70) Phenanthrene	12.84	178	462205	33.22	ng		100
71) Anthracene	12.90	178	436958	31.64	ng		100
72) Carbazole	13.11	167	429122	32.68	ng		99
73) Di-n-butylphthalate	13.56	149	508069	32.95	ng		99
74) Fluoranthene	14.31	202	509325	33.51	ng		99
76) Benzidine	14.50	184	214009	24.94	ng		97
77) Pyrene	14.59	202	506055	32.57	ng		100
79) Butylbenzylphthalate	15.42	149	226275	35.40	ng		94
80) Benzo(a)anthracene	16.08	228	480255	32.27	ng		99
81) 3,3'-Dichlorobenzidine	16.06	252	147425	27.03	ng	#	94
82) Chrysene	16.12	228	472960	33.84	ng		98
83) Bis(2-ethylhexyl)phthalate	16.14	149	331361	32.33	ng		98
84) Di-n-octyl phthalate	16.91	149	561624	32.82	ng		98
85) Indeno(1,2,3-cd)pyrene	19.19	276	543087m	34.08	ng		
87) Benzo(b)fluoranthene	17.33	252	461635m	31.34	ng		
88) Benzo(k)fluoranthene	17.37	252	494076m	34.23	ng		
89) Benzo(a)pyrene	17.70	252	463768	33.06	ng		99
90) Dibenzo(a,h)anthracene	19.21	278	446797	33.40	ng		97
91) Benzo(g,h,i)perylene	19.60	276	454706	33.67	ng		98

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

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