Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073015\
Data File : BF080717.D
Acq On : 31 Jul 2015 4:01
Operator : TP/UM
Sample : G3077-11MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRID-5-(6-12)MS

Manual Integrations APPROVED
MMDadoda
7/31/2015 11:22:48 AM

Quant Time: Jul 31 06:56:32 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 01:45:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	165661	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	625770	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	319457	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	575510	20.00	ng		0.00
75) Chrysene-d12	14.00	240	337777	20.00	ng		0.00
86) Perylene-d12	15.41	264	294587	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1294691	134.07	ng		0.03
7) Phenol-d6	6.49	99	1715311	130.47	ng		0.00
23) Nitrobenzene-d5	7.42	82	1322790	102.37	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	508754	153.48	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	2092487	97.72	ng		0.00
78) Terphenyl-d14	12.96	244	1726223	96.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	194558	40.85	ng	#	80
3) Pyridine	3.38	79	393852	29.81	ng		98
4) n-Nitrosodimethylamine	3.31	42	344484	45.61	ng		100
6) Aniline	6.52	93	267466	14.13	ng		99
8) 2-Chlorophenol	6.65	128	484205	44.73	ng		83
9) Benzaldehyde	6.41	77	73478	7.35	ng		97
10) Phenol	6.50	94	476264	31.30	ng		79
11) bis(2-Chloroethyl)ether	6.60	93	581957	53.55	ng		87
12) 1,3-Dichlorobenzene	6.80	146	496748	41.22	ng		98
13) 1,4-Dichlorobenzene	6.88	146	530805	43.18	ng		99
14) 1,2-Dichlorobenzene	7.02	146	462702	41.18	ng		98
15) Benzyl Alcohol	7.00	79	537101	49.19	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1083128	46.65	ng		99
17) 2-Methylphenol	7.10	107	422958	47.60	ng		99
18) Hexachloroethane	7.37	117	196532	42.84	ng		96
19) n-Nitroso-di-n-propylamine	7.28	70	410302	46.34	ng		98
20) 3+4-Methylphenols	7.26	107	494470	45.11	ng		98
22) Acetophenone	7.26	105	692695	45.86	ng	#	94
24) Nitrobenzene	7.44	77	545286	42.12	ng		98
25) Isophorone	7.68	82	1108107	48.22	ng		99
26) 2-Nitrophenol	7.76	139	268519m	51.10	ng		
27) 2,4-Dimethylphenol	7.79	122	442153m	44.79	ng		
28) bis(2-Chloroethoxy)methane	7.89	93	705807	51.84	ng		99
29) 2,4-Dichlorophenol	8.00	162	447623	51.01	ng		100
30) 1,2,4-Trichlorobenzene	8.08	180	427137	44.64	ng		98
31) Naphthalene	8.16	128	1353826	43.34	ng		100
32) Benzoic acid	7.92	122	329113m	47.54	ng		
33) 4-Chloroaniline	8.20	127	146720	11.13	ng	#	90
34) Hexachlorobutadiene	8.28	225	276171	44.70	ng		98
35) Caprolactam	8.58	113	118917m	45.25	ng		
36) 4-Chloro-3-methylphenol	8.69	107	503055	53.17	ng		92
37) 2-Methylnaphthalene	8.85	142	982864	50.13	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	403462	40.22	ng		99
40) Hexachlorocyclopentadiene	9.01	237	541489	87.73	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	314471m	45.06	ng		
43) 2,4,5-Trichlorophenol	9.17	196	331658m	47.91	ng		
45) 1,1'-Biphenyl	9.32	154	1125310	45.94	ng		100
46) 2-Chloronaphthalene	9.34	162	895485	44.76	ng		100
47) 2-Nitroaniline	9.44	65	396851	50.98	ng		89
48) Acenaphthylene	9.76	152	1493032	46.93	ng		99
49) Dimethylphthalate	9.62	163	973765	43.26	ng		100
50) 2,6-Dinitrotoluene	9.68	165	219044	45.85	ng		91
51) Acenaphthene	9.93	154	1058506	54.54	ng		99
52) 3-Nitroaniline	9.84	138	127956	23.21	ng	#	47
53) 2,4-Dinitrophenol	9.95	184	281895	110.78	ng	#	76
54) Dibenzofuran	10.10	168	1255453	48.36	ng		98
55) 4-Nitrophenol	10.01	139	384685	94.71	ng		98
56) 2,4-Dinitrotoluene	10.08	165	268299	42.82	ng	#	83
57) Fluorene	10.44	166	996482	49.46	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	264874	50.74	ng		95
59) Diethylphthalate	10.32	149	1010464	46.57	ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	422545	48.62	ng		98
61) 4-Nitroaniline	10.45	138	206332	41.45	ng		95
62) Azobenzene	10.59	77	1204335	51.23	ng		99
64) 4,6-Dinitro-2-methylphenol	10.49	198	180679	52.13	ng	#	42
65) n-Nitrosodiphenylamine	10.56	169	905646	48.00	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	305155	51.37	ng		99
67) Hexachlorobenzene	10.98	284	328166	47.77	ng		97
68) Atrazine	11.08	200	304982	Below Cal			98
69) Pentachlorophenol	11.17	266	362917	87.31	ng		98
70) Phenanthrene	11.40	178	1386930	47.83	ng		98
71) Anthracene	11.45	178	1349864	47.38	ng		100
72) Carbazole	11.60	167	1118447	45.23	ng		99
73) Di-n-butylphthalate	11.94	149	1621036	52.87	ng		99
74) Fluoranthene	12.58	202	1331872	47.51	ng		99
76) Benzidine	12.69	184	37251	3.03	ng	#	95
77) Pyrene	12.81	202	1405431	53.65	ng		99
79) Butylbenzylphthalate	13.42	149	558243	51.13	ng		98
80) Benzo(a)anthracene	13.99	228	961254	47.32	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	189590	27.34	ng		98
82) Chrysene	14.03	228	1012047	51.32	ng		100
83) Bis(2-ethylhexyl)phthalate	14.00	149	747203	57.29	ng		99
84) Di-n-octyl phthalate	14.60	149	1154262	52.78	ng		99
85) Indeno(1,2,3-cd)pyrene	16.80	276	817719	45.93	ng	#	87
87) Benzo(b)fluoranthene	15.01	252	856559m	48.68	ng		
88) Benzo(k)fluoranthene	15.04	252	726479m	50.17	ng		
89) Benzo(a)pyrene	15.36	252	720555	49.88	ng		99
90) Dibenzo(a,h)anthracene	16.82	278	690276	53.38	ng		98
91) Benzo(g,h,i)perylene	17.21	276	725795	57.03	ng		98

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

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