Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
Data File : BF080391.D
Acq On : 8 Jul 2015 16:52
Operator : TP/UM
Sample : G2905-05MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB3MS

Manual Integrations APPROVED
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7/9/2015 2:19:08 PM

Quant Time: Jul 09 01:40:38 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 09 00:53:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.21	152	37071	20.00	ng		0.00
21) Naphthalene-d8	8.50	136	144868	20.00	ng		0.00
38) Acenaphthene-d10	10.26	164	70720	20.00	ng		-0.01
63) Phenanthrene-d10	11.77	188	160318	20.00	ng		-0.01
75) Chrysene-d12	14.73	240	174732	20.00	ng		-0.11
86) Perylene-d12	16.56	264	161670	20.00	ng		-0.21
System Monitoring Compounds							
5) 2-Fluorophenol	5.81	112	104202	51.48	ng		0.00
7) Phenol-d6	6.81	99	82867	30.89	ng		-0.01
23) Nitrobenzene-d5	7.77	82	223440	89.96	ng		0.00
41) 2,4,6-Tribromophenol	11.06	330	99393	134.32	ng		0.00
44) 2-Fluorobiphenyl	9.57	172	494183	94.30	ng		0.00
78) Terphenyl-d14	13.46	244	555922	74.21	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.98	88	14420	15.09	ng	#	90
3) Pyridine	3.87	79	34401	14.14	ng		99
4) n-Nitrosodimethylamine	3.74	42	17946	15.70	ng	#	96
6) Aniline	6.86	93	81419	21.92	ng		98
8) 2-Chlorophenol	6.99	128	78198	33.33	ng		99
9) Benzaldehyde	6.75	77	63561	42.59	ng		97
10) Phenol	6.83	94	37825	13.00	ng		95
11) bis(2-Chloroethyl)ether	6.92	93	98879	45.05	ng		97
12) 1,3-Dichlorobenzene	7.15	146	114571	39.77	ng		98
13) 1,4-Dichlorobenzene	7.22	146	107432m	39.94	ng		
14) 1,2-Dichlorobenzene	7.38	146	111774	41.05	ng		100
15) Benzyl Alcohol	7.33	79	55579	26.76	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.47	45	162744	45.86	ng		99
17) 2-Methylphenol	7.45	107	47033	25.86	ng		96
18) Hexachloroethane	7.72	117	34038	39.38	ng	#	61
19) n-Nitroso-di-n-propylamine	7.61	70	75059	43.11	ng		98
20) 3+4-Methylphenols	7.60	107	59911	23.64	ng		93
22) Acetophenone	7.61	105	157836	47.22	ng		98
24) Nitrobenzene	7.78	77	107855	43.23	ng		98
25) Isophorone	8.02	82	213716	44.70	ng		99
26) 2-Nitrophenol	8.11	139	42387	39.26	ng		97
27) 2,4-Dimethylphenol	8.13	122	82282	38.73	ng		99
28) bis(2-Chloroethoxy)methane	8.22	93	130632	44.00	ng		99
29) 2,4-Dichlorophenol	8.35	162	74324	39.40	ng		99
30) 1,2,4-Trichlorobenzene	8.44	180	90516	40.38	ng		99
31) Naphthalene	8.52	128	306369	41.23	ng		100
32) Benzoic acid	8.18	122	11956	16.34	ng		95
33) 4-Chloroaniline	8.56	127	97280m	32.84	ng		
34) Hexachlorobutadiene	8.64	225	54111	39.68	ng		98
35) Caprolactam	8.90	113	3542	6.08	ng	#	83
36) 4-Chloro-3-methylphenol	9.02	107	76971	39.55	ng		95
37) 2-Methylnaphthalene	9.21	142	207552	43.81	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	9.38	216	97900	43.68	ng		97
40) Hexachlorocyclopentadiene	9.37	237	80227	85.57	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.48	196	58202	39.42	ng		98
43) 2,4,5-Trichlorophenol	9.53	196	65165	37.87	ng	#	93
45) 1,1'-Biphenyl	9.68	154	290287	46.25	ng		98
46) 2-Chloronaphthalene	9.70	162	198442	41.46	ng	#	90
47) 2-Nitroaniline	9.79	65	67849	50.66	ng		94
48) Acenaphthylene	10.12	152	348322	43.72	ng		100
49) Dimethylphthalate	9.96	163	296098	52.15	ng		99
50) 2,6-Dinitrotoluene	10.03	165	57028	48.04	ng		95
51) Acenaphthene	10.29	154	217305	45.57	ng		97
52) 3-Nitroaniline	10.20	138	52119	38.96	ng		92
53) 2,4-Dinitrophenol	10.32	184	38513	75.08	ng		95
54) Dibenzofuran	10.48	168	307837	45.40	ng		98
55) 4-Nitrophenol	10.35	139	26106	26.63	ng		90
56) 2,4-Dinitrotoluene	10.44	165	71538	46.86	ng		95
57) Fluorene	10.82	166	261727	44.83	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.59	232	56522	41.00	ng		98
59) Diethylphthalate	10.67	149	290711	51.26	ng		99
60) 4-Chlorophenyl-phenylether	10.81	204	120545	46.65	ng		96
61) 4-Nitroaniline	10.82	138	52867	40.71	ng		97
62) Azobenzene	10.97	77	255456	47.42	ng		96
64) 4,6-Dinitro-2-methylphenol	10.85	198	32762	36.53	ng		97
65) n-Nitrosodiphenylamine	10.92	169	215068	42.12	ng		100
66) 4-Bromophenyl-phenylether	11.30	248	80893	44.05	ng		96
67) Hexachlorobenzene	11.38	284	82403	42.77	ng		94
68) Atrazine	11.44	200	69698	45.85	ng		96
69) Pentachlorophenol	11.56	266	73954	77.63	ng		96
70) Phenanthrene	11.79	178	400323	41.63	ng		100
71) Anthracene	11.85	178	416626	44.19	ng		100
72) Carbazole	12.00	167	372715	42.38	ng		100
73) Di-n-butylphthalate	12.33	149	447906	44.53	ng		99
74) Fluoranthene	13.05	202	449312	43.49	ng		96
76) Benzidine	13.17	184	33007	7.45	ng		98
77) Pyrene	13.31	202	482010	45.61	ng		100
79) Butylbenzylphthalate	14.01	149	204962	48.60	ng		87
80) Benzo(a)anthracene	14.72	228	459554	43.64	ng		100
81) 3,3'-Dichlorobenzidine	14.66	252	133499	38.23	ng	#	98
82) Chrysene	14.76	228	425870	43.22	ng		99
83) Bis(2-ethylhexyl)phthalate	14.71	149	319637	49.72	ng		98
84) Di-n-octyl phthalate	15.51	149	518928	48.87	ng		99
85) Indeno(1,2,3-cd)pyrene	18.32	276	470812	40.64	ng		99
87) Benzo(b)fluoranthene	16.04	252	452352	44.52	ng		98
88) Benzo(k)fluoranthene	16.08	252	401045	41.70	ng		99
89) Benzo(a)pyrene	16.49	252	419768	45.18	ng		99
90) Dibenzo(a,h)anthracene	18.34	278	394485	43.11	ng		98
91) Benzo(g,h,i)perylene	18.84	276	393482	42.40	ng		99

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

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