Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
Data File : BF086677.D
Acq On : 4 May 2016 15:25
Operator : UM/SJ
Sample : H2715-06MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26WARD-3-CS-6(12-25FTBGS)MS

Manual Integrations APPROVED
sohil
5/5/2016 3:18:48 PM

Quant Time: May 05 01:11:31 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:12:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	156269	40.00	ng		0.00
21) Naphthalene-d8	8.03	136	631215	40.00	ng		0.00
38) Acenaphthene-d10	9.78	164	302508	40.00	ng		0.00
63) Phenanthrene-d10	11.25	188	516820	40.00	ng		0.00
75) Chrysene-d12	13.89	240	319305	40.00	ng		0.01
86) Perylene-d12	15.27	264	283342	40.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1407788	149.14	ng		0.01
7) Phenol-d6	6.38	99	1883621	148.14	ng		0.01
23) Nitrobenzene-d5	7.31	82	1235790	100.61	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	438061	148.03	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1649662	89.39	ng		0.00
78) Terphenyl-d14	12.84	244	1387227	87.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	186454	38.22	ng	#	73
3) Pyridine	3.00	79	578997	48.40	ng	#	69
4) n-Nitrosodimethylamine	2.97	42	387903	53.46	ng	#	58
6) Aniline	6.41	93	608805	38.79	ng	#	85
8) 2-Chlorophenol	6.52	128	520009	45.91	ng		83
9) Benzaldehyde	6.28	77	80625	12.71	ng		97
10) Phenol	6.40	94	597029	42.92	ng	#	40
11) bis(2-Chloroethyl)ether	6.49	93	644605	53.84	ng		98
12) 1,3-Dichlorobenzene	6.68	146	560887	46.63	ng		99
13) 1,4-Dichlorobenzene	6.75	146	560301m	45.05	ng		
14) 1,2-Dichlorobenzene	6.91	146	547941	50.60	ng		99
15) Benzyl Alcohol	6.89	79	458868	55.78	ng		89
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1080906	44.15	ng		89
17) 2-Methylphenol	7.01	107	475994	52.19	ng	#	92
18) Hexachloroethane	7.25	117	224041	47.72	ng	#	86
19) n-Nitroso-di-n-propylamine	7.16	70	412206	47.45	ng	#	70
20) 3+4-Methylphenols	7.16	107	543890	50.93	ng	#	89
22) Acetophenone	7.15	105	777113	52.84	ng		94
24) Nitrobenzene	7.32	77	627424	49.41	ng		94
25) Isophorone	7.57	82	1197962	52.37	ng		97
26) 2-Nitrophenol	7.64	139	295254	52.11	ng	#	74
27) 2,4-Dimethylphenol	7.69	122	496138	49.86	ng		88
28) bis(2-Chloroethoxy)methane	7.78	93	678480	53.89	ng		98
29) 2,4-Dichlorophenol	7.89	162	470860	55.04	ng		93
30) 1,2,4-Trichlorobenzene	7.97	180	491817	51.53	ng		98
31) Naphthalene	8.04	128	1546486	47.95	ng		99
32) Benzoic acid	7.77	122	27559	14.27	ng		85
33) 4-Chloroaniline	8.10	127	438691	35.11	ng	#	93
34) Hexachlorobutadiene	8.17	225	263351	48.60	ng		99
35) Caprolactam	8.49	113	154012m	58.16	ng		
36) 4-Chloro-3-methylphenol	8.59	107	498747	51.10	ng		91
37) 2-Methylnaphthalene	8.74	142	1007678	52.96	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	420067	47.97	ng		98
40) Hexachlorocyclopentadiene	8.89	237	374788	91.88	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	306816	55.10	ng		92
43) 2,4,5-Trichlorophenol	9.07	196	337605	58.04	ng		97
45) 1,1'-Biphenyl	9.21	154	1280423	51.77	ng		98
46) 2-Chloronaphthalene	9.23	162	981784	51.44	ng		99
47) 2-Nitroaniline	9.32	65	354329	52.22	ng	#	74
48) Acenaphthylene	9.64	152	1481108	52.28	ng		99
49) Dimethylphthalate	9.52	163	1373360	60.90	ng		100
50) 2,6-Dinitrotoluene	9.57	165	257515	53.21	ng		94
51) Acenaphthene	9.81	154	921184	49.29	ng		99
52) 3-Nitroaniline	9.74	138	227476	41.35	ng		91
53) 2,4-Dinitrophenol	9.85	184	126230	69.56	ng		90
54) Dibenzofuran	9.98	168	1263412	54.54	ng		95
55) 4-Nitrophenol	9.92	139	365763	114.03	ng	#	65
56) 2,4-Dinitrotoluene	9.97	165	295406	49.25	ng	#	82
57) Fluorene	10.33	166	1009338	53.76	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	247573	57.95	ng		99
59) Diethylphthalate	10.21	149	1106724	51.85	ng		97
60) 4-Chlorophenyl-phenylether	10.32	204	424933	47.61	ng		98
61) 4-Nitroaniline	10.36	138	284820	53.88	ng		87
62) Azobenzene	10.48	77	1232322	52.10	ng		86
64) 4,6-Dinitro-2-methylphenol	10.38	198	155019	56.01	ng		86
65) n-Nitrosodiphenylamine	10.44	169	859339	52.37	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	267346	52.05	ng		97
67) Hexachlorobenzene	10.88	284	330658	52.79	ng		98
68) Atrazine	10.98	200	296230	58.90	ng		95
69) Pentachlorophenol	11.07	266	330507	106.65	ng		98
70) Phenanthrene	11.29	178	1478072	53.24	ng		99
71) Anthracene	11.33	178	1409780	48.50	ng		99
72) Carbazole	11.49	167	1425960	56.48	ng		98
73) Di-n-butylphthalate	11.82	149	1426011	47.58	ng	#	98
74) Fluoranthene	12.46	202	1391403	50.01	ng		98
76) Benzidine	12.59	184	486897	54.53	ng		97
77) Pyrene	12.69	202	1454480	57.14	ng		99
79) Butylbenzylphthalate	13.32	149	630691	59.15	ng		94
80) Benzo(a)anthracene	13.87	228	958178	53.06	ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	277011	24.41	ng	#	94
82) Chrysene	13.92	228	1103316	57.27	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	708845	57.45	ng		98
84) Di-n-octyl phthalate	14.49	149	1097826	60.47	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.59	276	984388	59.55	ng		96
87) Benzo(b)fluoranthene	14.89	252	889327m	52.23	ng		
88) Benzo(k)fluoranthene	14.91	252	802540m	50.03	ng		
89) Benzo(a)pyrene	15.22	252	823218	52.49	ng		98
90) Dibenzo(a,h)anthracene	16.61	278	821886	54.56	ng	#	95
91) Benzo(g,h,i)perylene	16.99	276	844208	53.38	ng		94

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

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