Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042816\
Data File : BF086478.D
Acq On : 28 Apr 2016 22:23
Operator : UM/SJ
Sample : H2654-07MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-14(6-12FTBGS)MS

Manual Integrations APPROVED
sohil
4/29/2016 4:52:48 PM

Quant Time: Apr 29 01:52:40 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	158446	20.00	ng		-0.02
21) Naphthalene-d8	8.08	136	645870	20.00	ng		-0.02
38) Acenaphthene-d10	9.84	164	284582	20.00	ng		-0.01
63) Phenanthrene-d10	11.31	188	487804	20.00	ng		-0.01
75) Chrysene-d12	13.94	240	261963	20.00	ng		-0.02
86) Perylene-d12	15.35	264	303595	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1418979	154.47	ng		0.00
7) Phenol-d6	6.44	99	1832990	142.97	ng		0.00
23) Nitrobenzene-d5	7.37	82	1297768	108.31	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	429940	143.26	ng		-0.01
44) 2-Fluorobiphenyl	9.16	172	1809164	121.09	ng		-0.01
78) Terphenyl-d14	12.90	244	1343441	112.98	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	195204	40.45	ng	#	76
3) Pyridine	3.10	79	559985	49.03	ng	#	75
4) n-Nitrosodimethylamine	3.06	42	362022	55.62	ng	#	60
6) Aniline	6.46	93	495115	31.91	ng		94
8) 2-Chlorophenol	6.58	128	552351	48.28	ng		93
9) Benzaldehyde	6.33	77	109011	14.62	ng		96
10) Phenol	6.45	94	781105	54.61	ng		74
11) bis(2-Chloroethyl)ether	6.53	93	527493	42.66	ng		89
12) 1,3-Dichlorobenzene	6.73	146	527742m	42.88	ng		
13) 1,4-Dichlorobenzene	6.81	146	574099	45.21	ng		95
14) 1,2-Dichlorobenzene	6.97	146	505253	43.39	ng		94
15) Benzyl Alcohol	6.94	79	479158	59.08	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1182166	47.76	ng		90
17) 2-Methylphenol	7.06	107	469651	50.79	ng	#	93
18) Hexachloroethane	7.30	117	209906	44.24	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	410666	48.46	ng	#	73
20) 3+4-Methylphenols	7.22	107	541472	51.28	ng	#	70
22) Acetophenone	7.21	105	736264	51.99	ng	#	90
24) Nitrobenzene	7.38	77	572535	46.45	ng		97
25) Isophorone	7.62	82	1138425	49.37	ng		99
26) 2-Nitrophenol	7.70	139	313696	55.27	ng		97
27) 2,4-Dimethylphenol	7.74	122	565606	56.80	ng		94
28) bis(2-Chloroethoxy)methane	7.84	93	734837	58.49	ng		98
29) 2,4-Dichlorophenol	7.94	162	429870	51.16	ng		96
30) 1,2,4-Trichlorobenzene	8.02	180	461352	47.33	ng		96
31) Naphthalene	8.10	128	1503168	45.74	ng		99
32) Benzoic acid	7.80	122	29411m	12.77	ng		
33) 4-Chloroaniline	8.16	127	219930	17.87	ng		99
34) Hexachlorobutadiene	8.21	225	250348	45.82	ng		98
35) Caprolactam	8.53	113	149715m	53.42	ng		
36) 4-Chloro-3-methylphenol	8.65	107	495181	51.48	ng		99
37) 2-Methylnaphthalene	8.80	142	1008224	51.99	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	377487	46.34	ng		97
40) Hexachlorocyclopentadiene	8.94	237	259915	64.21	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	271091	52.65	ng		96
43) 2,4,5-Trichlorophenol	9.12	196	281188	50.10	ng	#	85
45) 1,1'-Biphenyl	9.25	154	1148977	48.30	ng		96
46) 2-Chloronaphthalene	9.29	162	888582	49.13	ng		95
47) 2-Nitroaniline	9.38	65	346698	59.78	ng	#	82
48) Acenaphthylene	9.70	152	1387692	49.09	ng		100
49) Dimethylphthalate	9.56	163	1210236	56.49	ng		99
50) 2,6-Dinitrotoluene	9.63	165	236864	53.52	ng	#	62
51) Acenaphthene	9.87	154	914180	50.34	ng		98
52) 3-Nitroaniline	9.79	138	192061	38.16	ng		92
53) 2,4-Dinitrophenol	9.89	184	67471	32.98	ng	#	83
54) Dibenzofuran	10.04	168	1206669	53.17	ng		98
55) 4-Nitrophenol	9.96	139	314021	95.28	ng	#	70
56) 2,4-Dinitrotoluene	10.03	165	307256	54.46	ng		88
57) Fluorene	10.38	166	878608	44.59	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	228436	52.06	ng		99
59) Diethylphthalate	10.26	149	963820	47.52	ng		99
60) 4-Chlorophenyl-phenylether	10.37	204	400151	44.73	ng		93
61) 4-Nitroaniline	10.41	138	236139	47.99	ng		83
62) Azobenzene	10.53	77	1218301	54.84	ng		90
64) 4,6-Dinitro-2-methylphenol	10.43	198	97033	33.88	ng	#	49
65) n-Nitrosodiphenylamine	10.50	169	848168	55.63	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	262749	52.27	ng	#	83
67) Hexachlorobenzene	10.92	284	269180	46.27	ng	#	70
68) Atrazine	11.02	200	244465	53.40	ng		95
69) Pentachlorophenol	11.12	266	259261	84.52	ng		97
70) Phenanthrene	11.33	178	1193087	46.61	ng		99
71) Anthracene	11.39	178	1328782	48.64	ng		100
72) Carbazole	11.54	167	1127693	46.57	ng		98
73) Di-n-butylphthalate	11.88	149	1523949	55.56	ng		99
74) Fluoranthene	12.52	202	1199598	46.42	ng		94
76) Benzidine	12.65	184	320599	35.61	ng		96
77) Pyrene	12.75	202	1145692	60.69	ng		99
79) Butylbenzylphthalate	13.37	149	469870	57.48	ng	#	70
80) Benzo(a)anthracene	13.93	228	744270	53.29	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	197546	21.16	ng		99
82) Chrysene	13.97	228	815618	53.73	ng		99
83) Bis(2-ethylhexyl)phthalate	13.93	149	573412	56.51	ng	#	95
84) Di-n-octyl phthalate	14.55	149	1059541	66.67	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.69	276	899167	79.93	ng		97
87) Benzo(b)fluoranthene	14.95	252	777646m	43.54	ng		
88) Benzo(k)fluoranthene	14.98	252	934526m	50.16	ng		
89) Benzo(a)pyrene	15.29	252	850209	50.42	ng		99
90) Dibenzo(a,h)anthracene	16.72	278	747678	54.18	ng		97
91) Benzo(g,h,i)perylene	17.11	276	721057	52.14	ng		96

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

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