Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
Data File : BF086343.D
Acq On : 21 Apr 2016 7:40
Operator : UM/SJ
Sample : H2617-05MSD
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-931WB(N)(19)MSD

Manual Integrations APPROVED
sohil
4/21/2016 7:12:02 PM

Quant Time: Apr 21 08:35:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 15:45:26 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	211098	20.00	ng		-0.03
21) Naphthalene-d8	8.16	136	790045	20.00	ng		-0.02
38) Acenaphthene-d10	9.90	164	282022	20.00	ng		-0.03
63) Phenanthrene-d10	11.39	188	480014	20.00	ng		-0.02
75) Chrysene-d12	14.03	240	332450	20.00	ng		-0.02
86) Perylene-d12	15.46	264	252402	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1643948	135.87	ng		0.01
7) Phenol-d6	6.51	99	1833861	115.82	ng		-0.01
23) Nitrobenzene-d5	7.44	82	1225355	88.83	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	335761	152.75	ng		-0.02
44) 2-Fluorobiphenyl	9.23	172	1718667	130.30	ng		-0.03
78) Terphenyl-d14	12.98	244	1403018	100.46	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	261972	39.97	ng	#	82
3) Pyridine	3.36	79	678722	40.45	ng		98
4) n-Nitrosodimethylamine	3.29	42	291740	50.46	ng	#	76
6) Aniline	6.53	93	287718	13.50	ng	#	63
8) 2-Chlorophenol	6.66	128	611741	42.57	ng		85
9) Benzaldehyde	6.42	77	124979	11.14	ng		100
10) Phenol	6.52	94	707432	38.99	ng		94
11) bis(2-Chloroethyl)ether	6.61	93	717241	45.26	ng		96
12) 1,3-Dichlorobenzene	6.81	146	618134	39.20	ng		98
13) 1,4-Dichlorobenzene	6.89	146	664226	39.42	ng		98
14) 1,2-Dichlorobenzene	7.04	146	560901m	37.53	ng		
15) Benzyl Alcohol	7.01	79	447156	45.45	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	912076	40.90	ng		92
17) 2-Methylphenol	7.13	107	508699	42.35	ng		99
18) Hexachloroethane	7.38	117	112016	22.31	ng	#	88
19) n-Nitroso-di-n-propylamine	7.29	70	406878	42.42	ng	#	86
20) 3+4-Methylphenols	7.29	107	581022	44.59	ng	#	83
22) Acetophenone	7.28	105	813772	49.03	ng	#	93
24) Nitrobenzene	7.46	77	650287	44.06	ng		93
25) Isophorone	7.70	82	1239623	47.43	ng		94
26) 2-Nitrophenol	7.77	139	209377	31.72	ng	#	87
27) 2,4-Dimethylphenol	7.81	122	547293	42.27	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	774015	50.64	ng		99
29) 2,4-Dichlorophenol	8.02	162	470090	46.04	ng		93
30) 1,2,4-Trichlorobenzene	8.10	180	497390	45.16	ng		98
31) Naphthalene	8.18	128	1731645	45.98	ng		99
32) Benzoic acid	7.93	122	302881	39.37	ng		94
33) 4-Chloroaniline	8.22	127	179774	11.53	ng		97
34) Hexachlorobutadiene	8.29	225	237754	42.83	ng		98
35) Caprolactam	8.59	113	133353	40.33	ng	#	68
36) 4-Chloro-3-methylphenol	8.72	107	486465	42.37	ng		100
37) 2-Methylnaphthalene	8.86	142	1002181	43.09	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	410993	54.75	ng	#	96
40) Hexachlorocyclopentadiene	9.01	237	17038	10.93	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	264592	50.81	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	280767	49.50	ng		96
45) 1,1'-Biphenyl	9.33	154	1172679	52.95	ng		98
46) 2-Chloronaphthalene	9.36	162	866617	51.64	ng		98
47) 2-Nitroaniline	9.46	65	324005	56.80	ng	#	63
48) Acenaphthylene	9.77	152	1297980	49.53	ng		99
49) Dimethylphthalate	9.63	163	1069373	49.80	ng		100
50) 2,6-Dinitrotoluene	9.69	165	172129	38.96	ng	#	58
51) Acenaphthene	9.94	154	759461	49.39	ng		99
52) 3-Nitroaniline	9.86	138	248710	44.26	ng		98
53) 2,4-Dinitrophenol	9.97	184	2131	8.76	ng	#	1
54) Dibenzofuran	10.11	168	1116076	53.39	ng		93
55) 4-Nitrophenol	10.03	139	269898	77.47	ng		80
56) 2,4-Dinitrotoluene	10.10	165	195971	35.69	ng		95
57) Fluorene	10.45	166	755194	48.75	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	211805	55.66	ng	#	89
59) Diethylphthalate	10.33	149	1005114	47.97	ng		98
60) 4-Chlorophenyl-phenylether	10.45	204	367976	51.29	ng		90
61) 4-Nitroaniline	10.48	138	299123	56.87	ng		87
62) Azobenzene	10.61	77	1022204	49.49	ng		89
64) 4,6-Dinitro-2-methylphenol	10.51	198	2357	7.42	ng	#	27
65) n-Nitrosodiphenylamine	10.57	169	735705	46.52	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	234819	45.53	ng	#	90
67) Hexachlorobenzene	11.00	284	228080	44.06	ng		98
68) Atrazine	11.09	200	180358	37.10	ng		99
69) Pentachlorophenol	11.20	266	251384	92.70	ng		96
70) Phenanthrene	11.41	178	1133121	49.81	ng		99
71) Anthracene	11.47	178	1254554	51.50	ng		97
72) Carbazole	11.62	167	1194086	51.80	ng		99
73) Di-n-butylphthalate	11.95	149	1453583	48.97	ng		100
74) Fluoranthene	12.60	202	1210093	57.38	ng		99
76) Benzidine	12.73	184	602057	41.02	ng		95
77) Pyrene	12.83	202	1186646	48.12	ng		99
79) Butylbenzylphthalate	13.45	149	628602	48.29	ng	#	82
80) Benzo(a)anthracene	14.02	228	824878	47.10	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	328430	27.11	ng	#	96
82) Chrysene	14.05	228	909368	48.04	ng		98
83) Bis(2-ethylhexyl)phthalate	14.01	149	781515	51.26	ng	#	98
84) Di-n-octyl phthalate	14.63	149	1512606	55.05	ng		97
85) Indeno(1,2,3-cd)pyrene	16.87	276	717564	36.87	ng		97
87) Benzo(b)fluoranthene	15.05	252	730512m	50.04	ng		
88) Benzo(k)fluoranthene	15.07	252	705967m	57.44	ng		
89) Benzo(a)pyrene	15.40	252	679849	50.53	ng		96
90) Dibenzo(a,h)anthracene	16.88	278	607691	51.74	ng		97
91) Benzo(g,h,i)perylene	17.29	276	598457	53.14	ng		99

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

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