Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086380.D
Acq On : 23 Apr 2016 9:44
Operator : UM/SJ
Sample : H2640-29MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B3(5-9)-CMS

Manual Integrations APPROVED
sohil
4/25/2016 12:35:50 PM

Quant Time: Apr 25 11:34:35 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 23 00:24:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	168276	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	701895	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	347841	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	657689	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	456485	20.00	ng	0.00
86) Perylene-d12	15.40	264	400683	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1238857	127.14	ng	0.02
7) Phenol-d6	6.48	99	1644506	124.14	ng	0.00
23) Nitrobenzene-d5	7.41	82	1042931	88.02	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	375608	119.29	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1762049	86.44	ng	0.00
78) Terphenyl-d14	12.95	244	1524384	82.97	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.48	88	150108	27.86	ng	99
3) Pyridine	3.21	79	327185	25.48	ng	94
4) n-Nitrosodimethylamine	3.14	42	161378	33.13	ng	98
6) Aniline	6.51	93	302324	18.70	ng	93
8) 2-Chlorophenol	6.62	128	415337	34.91	ng	95
9) Benzaldehyde	6.38	77	85494	10.62	ng	94
10) Phenol	6.50	94	456246	29.17	ng	86
11) bis(2-Chloroethyl)ether	6.58	93	434769	31.93	ng	100
12) 1,3-Dichlorobenzene	6.78	146	446198	35.17	ng	98
13) 1,4-Dichlorobenzene	6.86	146	472633	33.91	ng	97
14) 1,2-Dichlorobenzene	7.01	146	448205	35.40	ng	98
15) Benzyl Alcohol	6.99	79	320767	40.80	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	569877	31.92	ng	99
17) 2-Methylphenol	7.10	107	362487	37.19	ng	99
18) Hexachloroethane	7.36	117	162204	34.55	ng	91
19) n-Nitroso-di-n-propylamine	7.26	70	278419	35.17	ng	97
20) 3+4-Methylphenols	7.25	107	393369	38.07	ng	94
22) Acetophenone	7.25	105	564073	38.31	ng	96
24) Nitrobenzene	7.42	77	436530	34.35	ng	97
25) Isophorone	7.66	82	782683	33.71	ng	98
26) 2-Nitrophenol	7.74	139	242719	38.65	ng	98
27) 2,4-Dimethylphenol	7.79	122	406997	37.85	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	526327	40.60	ng	99
29) 2,4-Dichlorophenol	7.98	162	368938	41.51	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	372540	38.59	ng	93
31) Naphthalene	8.14	128	1284129	35.91	ng	99
33) 4-Chloroaniline	8.20	127	197419	14.17	ng	97
34) Hexachlorobutadiene	8.27	225	185369	38.45	ng	98
35) Caprolactam	8.56	113	100504m	31.51	ng	
36) 4-Chloro-3-methylphenol	8.68	107	376989	35.69	ng	97
37) 2-Methylnaphthalene	8.84	142	834956	40.49	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	305569	33.96	ng	99
40) Hexachlorocyclopentadiene	8.99	237	294198	66.93	ng	97
42) 2,4,6-Trichlorophenol	9.12	196	226374	38.36	ng	99

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 23 00:24:02 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.16	196	260252	35.82	ng		97
45) 1,1'-Biphenyl	9.30	154	975356	36.14	ng		96
46) 2-Chloronaphthalene	9.33	162	768078	35.96	ng		96
47) 2-Nitroaniline	9.42	65	259551	39.02	ng		98
48) Acenaphthylene	9.74	152	1308458	37.78	ng		99
49) Dimethylphthalate	9.61	163	1102599	43.88	ng		100
50) 2,6-Dinitrotoluene	9.66	165	203358	37.46	ng		96
51) Acenaphthene	9.92	154	742826	34.91	ng		98
52) 3-Nitroaniline	9.84	138	192990	28.40	ng		95
53) 2,4-Dinitrophenol	9.95	184	8218	2.91	ng	#	1
54) Dibenzofuran	10.09	168	1118717	40.94	ng		98
55) 4-Nitrophenol	10.00	139	304038	63.94	ng		87
56) 2,4-Dinitrotoluene	10.06	165	266001	36.90	ng		94
57) Fluorene	10.43	166	815436	36.42	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	207985	39.17	ng		95
59) Diethylphthalate	10.30	149	885355	36.79	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	348789	35.62	ng		96
61) 4-Nitroaniline	10.45	138	250687	36.04	ng		99
62) Azobenzene	10.58	77	965265	38.69	ng		98
64) 4,6-Dinitro-2-methylphenol	10.48	198	58226	14.49	ng		93
65) n-Nitrosodiphenylamine	10.54	169	750571	37.01	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	235168	36.52	ng		90
67) Hexachlorobenzene	10.97	284	236748	34.46	ng	#	63
68) Atrazine	11.07	200	237836	37.98	ng		99
69) Pentachlorophenol	11.16	266	186389	46.19	ng		98
70) Phenanthrene	11.38	178	1194179	36.14	ng		99
71) Anthracene	11.44	178	1318129	34.81	ng		100
72) Carbazole	11.60	167	1321802	37.17	ng		99
73) Di-n-butylphthalate	11.93	149	1397255	37.35	ng		100
74) Fluoranthene	12.57	202	1249758	35.07	ng		97
76) Benzidine	12.69	184	460779	24.61	ng		97
77) Pyrene	12.80	202	1268152	39.83	ng		99
79) Butylbenzylphthalate	13.41	149	590299	39.80	ng	#	74
80) Benzo(a)anthracene	13.99	228	860360	36.31	ng		98
81) 3,3'-Dichlorobenzidine	13.95	252	145108	8.88	ng	#	97
82) Chrysene	14.02	228	1065272	39.90	ng		100
83) Bis(2-ethylhexyl)phthalate	13.99	149	677529	40.80	ng	#	99
84) Di-n-octyl phthalate	14.59	149	1257327	39.44	ng		98
85) Indeno(1,2,3-cd)pyrene	16.79	276	863043	36.36	ng		99
87) Benzo(b)fluoranthene	15.00	252	793495m	36.08	ng		
88) Benzo(k)fluoranthene	15.03	252	897450m	41.57	ng		
89) Benzo(a)pyrene	15.35	252	811097	37.38	ng	#	96
90) Dibenzo(a,h)anthracene	16.80	278	710837	39.72	ng		99
91) Benzo(g,h,i)perylene	17.20	276	732214	39.63	ng		94

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

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