Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
Data File : BF083504.D
Acq On : 5 Dec 2015 2:24
Operator : UM/IZ
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Mmdadoda
12/7/2015 6:30:45 PM

Quant Time: Dec 05 03:58:59 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 03:24:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	136626	20.00	ng		0.00
21) Naphthalene-d8	7.68	136	534097	20.00	ng		0.00
38) Acenaphthene-d10	10.46	164	247103	20.00	ng		0.00
63) Phenanthrene-d10	12.86	188	468681	20.00	ng		0.01
75) Chrysene-d12	17.05	240	322549	20.00	ng		0.00
86) Perylene-d12	18.68	264	277916	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.03	112	1395193	153.14	ng		0.00
7) Phenol-d6	5.33	99	1874850	150.42	ng		0.01
23) Nitrobenzene-d5	6.61	82	1757919	145.01	ng		0.01
41) 2,4,6-Tribromophenol	11.76	330	372184	150.88	ng		0.00
44) 2-Fluorobiphenyl	9.42	172	2731714	155.40	ng		0.00
78) Terphenyl-d14	15.49	244	2333678	168.49	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.86	88	350167	71.29	ng		99
3) Pyridine	2.30	79	946119	75.96	ng		99
4) n-Nitrosodimethylamine	2.28	42	470055	78.34	ng		97
6) Aniline	5.33	93	1239063	72.64	ng		90
8) 2-Chlorophenol	5.49	128	763646	76.22	ng		95
9) Benzaldehyde	5.16	77	480499	74.51	ng		99
10) Phenol	5.36	94	1144367	76.73	ng	#	76
11) bis(2-Chloroethyl)ether	5.44	93	812429	74.23	ng		97
12) 1,3-Dichlorobenzene	5.69	146	838423	75.02	ng		96
13) 1,4-Dichlorobenzene	5.80	146	866535	75.40	ng		95
14) 1,2-Dichlorobenzene	6.02	146	769226	72.22	ng		97
15) Benzyl Alcohol	6.02	79	681176	71.66	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.20	45	1502628	78.12	ng		96
17) 2-Methylphenol	6.20	107	629532	75.19	ng		96
18) Hexachloroethane	6.50	117	312309	77.73	ng		93
19) n-Nitroso-di-n-propylamine	6.42	70	638142	72.63	ng		95
20) 3+4-Methylphenols	6.44	107	833899	73.71	ng		95
22) Acetophenone	6.40	105	1192815	75.03	ng		98
24) Nitrobenzene	6.64	77	928189	71.61	ng		98
25) Isophorone	7.01	82	1717637	73.49	ng		98
26) 2-Nitrophenol	7.12	139	411726	77.55	ng		91
27) 2,4-Dimethylphenol	7.23	122	680883	76.98	ng		97
28) bis(2-Chloroethoxy)methane	7.37	93	963885	72.09	ng		98
29) 2,4-Dichlorophenol	7.50	162	622671	72.93	ng		97
30) 1,2,4-Trichlorobenzene	7.61	180	682529	73.64	ng		98
31) Naphthalene	7.71	128	2113037	72.54	ng		98
32) Benzoic acid	7.56	122	436559	72.96	ng		97
33) 4-Chloroaniline	7.84	127	842576	68.64	ng		97
34) Hexachlorobutadiene	7.93	225	400091	75.48	ng		97
35) Caprolactam	8.48	113	202615m	75.95	ng		
36) 4-Chloro-3-methylphenol	8.68	107	706356	74.06	ng		92
37) 2-Methylnaphthalene	8.81	142	1314265	68.48	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	634523	79.98	ng	#	100
40) Hexachlorocyclopentadiene	9.07	237	264669	75.21	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	421727	77.25	ng		95
43) 2,4,5-Trichlorophenol	9.37	196	428255	76.28	ng	#	90
45) 1,1'-Biphenyl	9.57	154	1606864	73.69	ng		97
46) 2-Chloronaphthalene	9.58	162	1286870	77.40	ng		94
47) 2-Nitroaniline	9.79	65	479750	74.63	ng		95
48) Acenaphthylene	10.25	152	2114404	79.38	ng		99
49) Dimethylphthalate	10.13	163	1541610	76.03	ng		99
50) 2,6-Dinitrotoluene	10.21	165	342400	80.07	ng	#	75
51) Acenaphthene	10.52	154	1214806	77.90	ng		99
52) 3-Nitroaniline	10.48	138	379745	77.56	ng		80
53) 2,4-Dinitrophenol	10.66	184	175327	80.38	ng	#	84
54) Dibenzofuran	10.81	168	1639817	72.02	ng		95
55) 4-Nitrophenol	10.82	139	224381m	74.10	ng		
56) 2,4-Dinitrotoluene	10.86	165	461112	84.39	ng	#	75
57) Fluorene	11.36	166	1446963	79.50	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.04	232	315737	70.08	ng	#	100
59) Diethylphthalate	11.26	149	1469894	76.53	ng		99
60) 4-Chlorophenyl-phenylether	11.39	204	693540	82.98	ng		95
61) 4-Nitroaniline	11.48	138	342692	70.51	ng		92
62) Azobenzene	11.64	77	1697142	75.13	ng		96
64) 4,6-Dinitro-2-methylphenol	11.53	198	260116	84.01	ng	#	78
65) n-Nitrosodiphenylamine	11.61	169	1187790	72.68	ng		98
66) 4-Bromophenyl-phenylether	12.18	248	401218	78.04	ng		92
67) Hexachlorobenzene	12.25	284	419535	74.27	ng		94
68) Atrazine	12.51	200	373742	80.34	ng		99
69) Pentachlorophenol	12.59	266	199582	69.75	ng		97
70) Phenanthrene	12.90	178	2002441	72.09	ng		98
71) Anthracene	12.99	178	2086366	74.35	ng		99
72) Carbazole	13.28	167	1797169	71.66	ng	#	98
73) Di-n-butylphthalate	13.92	149	2235778	74.76	ng		100
74) Fluoranthene	14.82	202	2021081	70.35	ng		97
76) Benzidine	15.09	184	920455	92.17	ng		96
77) Pyrene	15.19	202	2013874	87.70	ng		98
79) Butylbenzylphthalate	16.32	149	833918	85.74	ng		87
80) Benzo(a)anthracene	17.04	228	1447552	73.24	ng		98
81) 3,3'-Dichlorobenzidine	17.04	252	483782	77.93	ng		97
82) Chrysene	17.08	228	1484744	77.14	ng		99
83) Bis(2-ethylhexyl)phthalate	17.16	149	1092201	84.11	ng		100
84) Di-n-octyl phthalate	17.93	149	1584282	83.45	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.93	276	1455371	101.47	ng	#	100
87) Benzo(b)fluoranthene	18.29	252	1438725m	81.56	ng		
88) Benzo(k)fluoranthene	18.33	252	966699m	57.35	ng		
89) Benzo(a)pyrene	18.63	252	1199287	77.93	ng	#	95
90) Dibenzo(a,h)anthracene	19.94	278	1224219	89.25	ng		98
91) Benzo(g,h,i)perylene	20.28	276	1267158	93.45	ng		99

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

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