Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086215.D
Acq On : 15 Apr 2016 14:21
Operator : UM/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
Sohil
4/18/2016 7:26:54 PM

Quant Time: Apr 15 16:03:47 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 15 14:10:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	270274	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	1129830	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	488599	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	904777	20.00	ng		0.00
75) Chrysene-d12	14.05	240	458796	20.00	ng		0.00
86) Perylene-d12	15.48	264	439680	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	2259863	70.03	ng		0.01
7) Phenol-d6	6.53	99	2659090	66.31	ng		0.01
23) Nitrobenzene-d5	7.47	82	2513434	63.74	ng		0.01
41) 2,4,6-Tribromophenol	10.73	330	449067	57.23	ng		0.00
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	13.01	244	2781858	75.52	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	661718	73.93	ng		98
3) Pyridine	3.24	79	1820466	74.91	ng		97
4) n-Nitrosodimethylamine	3.21	42	689792	81.43	ng	#	73
6) Aniline	6.57	93	2069338	69.82	ng		100
8) 2-Chlorophenol	6.68	128	1115293	59.29	ng		93
9) Benzaldehyde	6.44	77	1014883	68.51	ng		93
10) Phenol	6.54	94	1650871	68.17	ng		89
11) bis(2-Chloroethyl)ether	6.64	93	1106079	58.60	ng		85
12) 1,3-Dichlorobenzene	6.84	146	1294381	66.30	ng		94
13) 1,4-Dichlorobenzene	6.91	146	1306527	67.45	ng		97
14) 1,2-Dichlorobenzene	7.07	146	1004875m	57.17	ng		
15) Benzyl Alcohol	7.04	79	999185	68.13	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.18	45	2077857	72.16	ng		97
17) 2-Methylphenol	7.15	107	1078272	68.24	ng		97
18) Hexachloroethane	7.41	117	461201	63.96	ng		90
19) n-Nitroso-di-n-propylamine	7.33	70	917726	70.78	ng		97
22) Acetophenone	7.32	105	1455530	62.72	ng	#	94
24) Nitrobenzene	7.49	77	1492985	69.46	ng		89
25) Isophorone	7.73	82	2811933	73.10	ng		99
26) 2-Nitrophenol	7.80	139	724690	75.15	ng	#	86
27) 2,4-Dimethylphenol	7.84	122	1200553	64.04	ng		97
28) bis(2-Chloroethoxy)methane	7.94	93	1403377	61.63	ng		99
29) 2,4-Dichlorophenol	8.04	162	978888	67.27	ng		96
30) 1,2,4-Trichlorobenzene	8.12	180	958105	64.63	ng		98
31) Naphthalene	8.21	128	3333035	63.84	ng		99
32) Benzoic acid	7.98	122	1098046	93.68	ng		99
33) 4-Chloroaniline	8.26	127	1577571	70.39	ng		95
34) Hexachlorobutadiene	8.33	225	452002	59.46	ng		99
35) Caprolactam	8.66	113	423540	80.50	ng		98
36) 4-Chloro-3-methylphenol	8.74	107	1146044	68.78	ng		98
37) 2-Methylnaphthalene	8.90	142	1889224	57.60	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	765634	65.49	ng		97
40) Hexachlorocyclopentadiene	9.06	237	440731	77.71	ng		96
42) 2,4,6-Trichlorophenol	9.17	196	700864	74.10	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.21	196	575729	61.05	ng	#	84
45) 1,1'-Biphenyl	9.37	154	2291223	62.81	ng		97
46) 2-Chloronaphthalene	9.39	162	1919211	64.70	ng		97
47) 2-Nitroaniline	9.48	65	801967	84.75	ng		90
48) Acenaphthylene	9.80	152	2688487	55.88	ng		98
49) Dimethylphthalate	9.68	163	2497052	71.63	ng		99
50) 2,6-Dinitrotoluene	9.72	165	568355	70.90	ng	#	61
51) Acenaphthene	9.97	154	1749138	61.63	ng		100
52) 3-Nitroaniline	9.89	138	633712	65.46	ng		95
54) Dibenzofuran	10.14	168	2106237	55.44	ng		92
55) 4-Nitrophenol	10.04	139	531420	67.88	ng		94
56) 2,4-Dinitrotoluene	10.12	165	796312	77.06	ng	#	67
58) 2,3,4,6-Tetrachlorophenol	10.26	232	425627	63.26	ng		94
59) Diethylphthalate	10.36	149	2419790	68.13	ng		97
60) 4-Chlorophenyl-phenylether	10.48	204	712076	61.52	ng		94
61) 4-Nitroaniline	10.51	138	631527	77.80	ng		93
62) Azobenzene	10.64	77	2445159	67.97	ng		97
64) 4,6-Dinitro-2-methylphenol	10.53	198	335298	77.45	ng		89
65) n-Nitrosodiphenylamine	10.60	169	1628936	58.42	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	499357	58.91	ng	#	82
67) Hexachlorobenzene	11.04	284	561382	61.02	ng	#	85
68) Atrazine	11.13	200	518224	59.06	ng		99
69) Pentachlorophenol	11.22	266	369653	65.20	ng		98
70) Phenanthrene	11.45	178	2508660	55.03	ng		99
72) Carbazole	11.65	167	2699124	63.40	ng		98
74) Fluoranthene	12.64	202	2797466	65.48	ng		95
76) Benzidine	12.75	184	1507468	80.35	ng		98
77) Pyrene	12.87	202	2794847	81.69	ng		99
79) Butylbenzylphthalate	13.48	149	1325128	76.97	ng	#	83
80) Benzo(a)anthracene	14.04	228	1758478	71.28	ng		100
81) 3,3'-Dichlorobenzidine	14.02	252	1173815	80.14	ng	#	97
82) Chrysene	14.09	228	2033259	78.73	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	1262317	69.70	ng		98
84) Di-n-octyl phthalate	14.66	149	2895379	82.20	ng		98
85) Indeno(1,2,3-cd)pyrene	16.90	276	2005372	89.28	ng		96
87) Benzo(b)fluoranthene	15.08	252	2040856m	77.85	ng		
88) Benzo(k)fluoranthene	15.11	252	1410722m	54.50	ng		
89) Benzo(a)pyrene	15.43	252	1716945	71.53	ng		97
90) Dibenzo(a,h)anthracene	16.93	278	1596413	75.13	ng		99
91) Benzo(g,h,i)perylene	17.33	276	1802480	80.16	ng	#	93

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

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