Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021716\
Data File : BF085086.D
Acq On : 17 Feb 2016 14:13
Operator : SJ/IZ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
Sohil
2/19/2016 7:56:49 AM

Quant Time: Feb 17 15:25:33 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 17 14:23:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	207651	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	832140	20.00	ng		0.00
38) Acenaphthene-d10	10.03	164	378559	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	795566	20.00	ng		0.00
75) Chrysene-d12	14.16	240	802063	20.00	ng		0.00
86) Perylene-d12	15.63	264	642296	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1249908	105.25	ng		0.01
7) Phenol-d6	6.62	99	1505532	95.12	ng		0.00
23) Nitrobenzene-d5	7.56	82	1424559	101.09	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	405755	103.77	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	2278832	86.05	ng		0.00
78) Terphenyl-d14	13.11	244	2607165	66.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	291537	59.59	ng		90
3) Pyridine	3.47	79	706944	61.85	ng		89
4) n-Nitrosodimethylamine	3.43	42	357848	60.85	ng	#	91
6) Aniline	6.66	93	1066734	65.23	ng	#	70
8) 2-Chlorophenol	6.78	128	669845	45.89	ng		98
9) Benzaldehyde	6.55	77	386854	45.38	ng		98
10) Phenol	6.63	94	818807m	44.23	ng		
11) bis(2-Chloroethyl)ether	6.73	93	698108	40.17	ng		91
12) 1,3-Dichlorobenzene	6.94	146	722190	49.75	ng		96
13) 1,4-Dichlorobenzene	7.02	146	791318	48.99	ng		98
14) 1,2-Dichlorobenzene	7.16	146	653039	43.01	ng		95
15) Benzyl Alcohol	7.13	79	531854	54.99	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.27	45	1074587	44.07	ng		94
17) 2-Methylphenol	7.24	107	580046	54.88	ng	#	83
18) Hexachloroethane	7.52	117	279473	46.95	ng	#	83
19) n-Nitroso-di-n-propylamine	7.42	70	541696	54.33	ng		87
20) 3+4-Methylphenols	7.39	107	664398	49.79	ng		93
22) Acetophenone	7.40	105	925513	43.40	ng	#	93
24) Nitrobenzene	7.58	77	668843	43.44	ng		93
25) Isophorone	7.82	82	1357970	53.72	ng		99
26) 2-Nitrophenol	7.90	139	328845	44.56	ng		97
27) 2,4-Dimethylphenol	7.93	122	695526m	58.25	ng		
28) bis(2-Chloroethoxy)methane	8.03	93	801636	51.09	ng	#	96
29) 2,4-Dichlorophenol	8.14	162	606758	55.90	ng		94
30) 1,2,4-Trichlorobenzene	8.23	180	654633	52.33	ng		97
31) Naphthalene	8.31	128	1948073	48.29	ng		96
32) Benzoic acid	8.06	122	523789m	99.66	ng		
33) 4-Chloroaniline	8.34	127	806014	52.67	ng		95
34) Hexachlorobutadiene	8.42	225	377197	53.84	ng		97
35) Caprolactam	8.73	113	194792	66.76	ng	#	76
36) 4-Chloro-3-methylphenol	8.82	107	618769	50.28	ng		96
37) 2-Methylnaphthalene	8.99	142	1204274	46.79	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	684678	55.98	ng		97
40) Hexachlorocyclopentadiene	9.15	237	383223	94.20	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	441081m	65.40	ng		
43) 2,4,5-Trichlorophenol	9.30	196	450684m	57.43	ng		
45) 1,1'-Biphenyl	9.46	154	1691052	49.11	ng		95
46) 2-Chloronaphthalene	9.48	162	1219492	49.98	ng		98
47) 2-Nitroaniline	9.58	65	387552	51.45	ng		93
48) Acenaphthylene	9.90	152	1871427	48.31	ng		97
49) Dimethylphthalate	9.76	163	1416002	49.89	ng	#	96
50) 2,6-Dinitrotoluene	9.82	165	307923	52.88	ng		93
51) Acenaphthene	10.07	154	1162990	49.65	ng		98
52) 3-Nitroaniline	9.99	138	381356	58.95	ng		96
53) 2,4-Dinitrophenol	10.09	184	107514	55.76	ng	#	53
54) Dibenzofuran	10.24	168	1501164	47.91	ng		99
55) 4-Nitrophenol	10.12	139	264855	63.81	ng		88
56) 2,4-Dinitrotoluene	10.22	165	377601	47.60	ng	#	87
57) Fluorene	10.58	166	1215515	45.24	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.35	232	353238	56.91	ng		97
59) Diethylphthalate	10.46	149	1434375	51.00	ng		95
60) 4-Chlorophenyl-phenylether	10.58	204	656065	50.95	ng	#	81
61) 4-Nitroaniline	10.59	138	337265	56.74	ng		99
62) Azobenzene	10.73	77	1406872	51.92	ng		96
64) 4,6-Dinitro-2-methylphenol	10.63	198	209033	49.34	ng	#	76
65) n-Nitrosodiphenylamine	10.70	169	1251054	49.53	ng		99
66) 4-Bromophenyl-phenylether	11.06	248	437452	49.36	ng	#	90
67) Hexachlorobenzene	11.13	284	450608	47.56	ng		96
68) Atrazine	11.22	200	387973	52.99	ng		93
69) Pentachlorophenol	11.32	266	310906	85.35	ng		96
70) Phenanthrene	11.54	178	1827782	41.67	ng		97
71) Anthracene	11.60	178	1938703	42.29	ng		94
72) Carbazole	11.75	167	1761747	46.41	ng		96
73) Di-n-butylphthalate	12.08	149	2050562	41.16	ng		97
74) Fluoranthene	12.73	202	1966354	44.99	ng		92
76) Benzidine	12.85	184	1021011	72.30	ng	#	95
77) Pyrene	12.96	202	1993585	31.07	ng		96
79) Butylbenzylphthalate	13.58	149	947257	35.11	ng	#	98
80) Benzo(a)anthracene	14.15	228	2004003	43.15	ng		94
81) 3,3'-Dichlorobenzidine	14.11	252	816445	60.49	ng	#	96
82) Chrysene	14.18	228	1640553	36.42	ng		95
83) Bis(2-ethylhexyl)phthalate	14.14	149	1284827	36.22	ng	#	95
84) Di-n-octyl phthalate	14.74	149	2113882	41.94	ng		99
85) Indeno(1,2,3-cd)pyrene	17.12	276	1708936	45.67	ng		99
87) Benzo(b)fluoranthene	15.20	252	1828462	43.42	ng	#	95
88) Benzo(k)fluoranthene	15.23	252	1838015m	54.64	ng		
89) Benzo(a)pyrene	15.58	252	1783924	50.10	ng		98
90) Dibenzo(a,h)anthracene	17.14	278	1409095	41.69	ng		96
91) Benzo(g,h,i)perylene	17.58	276	1334817	38.03	ng		96

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

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