Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021716\
Data File : BF085087.D
Acq On : 17 Feb 2016 14:41
Operator : SJ/IZ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Sohil
2/19/2016 7:57:08 AM

Quant Time: Feb 17 15:24:07 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	202269	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	825542	20.00	ng		0.00
38) Acenaphthene-d10	10.03	164	384345	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	764720	20.00	ng		0.00
75) Chrysene-d12	14.16	240	737114	20.00	ng		0.00
86) Perylene-d12	15.63	264	569980	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1504770	130.08	ng		0.01
7) Phenol-d6	6.62	99	1736910	112.66	ng		0.00
23) Nitrobenzene-d5	7.56	82	1581683	113.14	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	486613	122.58	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	2434110	90.53	ng		0.00
78) Terphenyl-d14	13.11	244	2879547	80.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	344293	72.25	ng		89
3) Pyridine	3.47	79	896224	80.50	ng		89
4) n-Nitrosodimethylamine	3.43	42	426171	74.40	ng		92
6) Aniline	6.66	93	1224129	76.85	ng	#	71
8) 2-Chlorophenol	6.78	128	786448	55.31	ng		96
9) Benzaldehyde	6.55	77	432084	52.03	ng		96
10) Phenol	6.63	94	878207m	48.70	ng		
11) bis(2-Chloroethyl)ether	6.73	93	724655	42.80	ng		88
12) 1,3-Dichlorobenzene	6.94	146	827341	58.51	ng		95
13) 1,4-Dichlorobenzene	7.02	146	894917	56.87	ng		97
14) 1,2-Dichlorobenzene	7.18	146	778454	52.63	ng		92
15) Benzyl Alcohol	7.13	79	680119	72.20	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.28	45	1248195	52.55	ng		98
17) 2-Methylphenol	7.24	107	664131	64.51	ng	#	85
18) Hexachloroethane	7.52	117	326271	56.27	ng	#	84
19) n-Nitroso-di-n-propylamine	7.42	70	576789	59.39	ng		91
20) 3+4-Methylphenols	7.40	107	832148	64.02	ng	#	71
22) Acetophenone	7.40	105	1090188	51.53	ng	#	88
24) Nitrobenzene	7.59	77	886094	58.01	ng	#	84
25) Isophorone	7.83	82	1611214	64.25	ng	#	94
26) 2-Nitrophenol	7.90	139	385385	52.64	ng		100
27) 2,4-Dimethylphenol	7.93	122	805190	67.97	ng		95
28) bis(2-Chloroethoxy)methane	8.03	93	1000901	64.30	ng		96
29) 2,4-Dichlorophenol	8.14	162	705984	65.57	ng		96
30) 1,2,4-Trichlorobenzene	8.23	180	757304	61.02	ng		97
31) Naphthalene	8.31	128	2181228	54.50	ng		95
32) Benzoic acid	8.07	122	621258	119.15	ng		92
33) 4-Chloroaniline	8.35	127	983199	64.76	ng	#	93
34) Hexachlorobutadiene	8.42	225	430270	61.91	ng		95
35) Caprolactam	8.73	113	197328	68.17	ng		96
36) 4-Chloro-3-methylphenol	8.82	107	652730	53.47	ng		98
37) 2-Methylnaphthalene	8.99	142	1309150	51.27	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	787725	63.43	ng		97
40) Hexachlorocyclopentadiene	9.15	237	456211	110.45	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	556744	81.30	ng		95
43) 2,4,5-Trichlorophenol	9.30	196	450311	56.52	ng		97
45) 1,1'-Biphenyl	9.46	154	1849284	52.90	ng		93
46) 2-Chloronaphthalene	9.48	162	1337318	53.98	ng		97
47) 2-Nitroaniline	9.58	65	462000	60.41	ng		97
48) Acenaphthylene	9.90	152	2195098	55.82	ng		96
49) Dimethylphthalate	9.76	163	1503544	52.18	ng		96
50) 2,6-Dinitrotoluene	9.82	165	332144	56.18	ng	#	86
51) Acenaphthene	10.07	154	1380452	58.05	ng		97
52) 3-Nitroaniline	9.99	138	411700	62.68	ng		94
53) 2,4-Dinitrophenol	10.09	184	159343	81.39	ng	#	59
54) Dibenzofuran	10.24	168	1751236	55.05	ng		99
55) 4-Nitrophenol	10.14	139	381907	90.63	ng	#	81
56) 2,4-Dinitrotoluene	10.22	165	420553	52.22	ng	#	82
57) Fluorene	10.58	166	1384129	50.74	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	408690	64.85	ng		97
59) Diethylphthalate	10.46	149	1569245	54.95	ng		95
60) 4-Chlorophenyl-phenylether	10.58	204	774040	59.21	ng	#	82
61) 4-Nitroaniline	10.60	138	410902	68.08	ng		98
62) Azobenzene	10.73	77	1645724	59.82	ng		96
64) 4,6-Dinitro-2-methylphenol	10.63	198	242054	59.44	ng		94
65) n-Nitrosodiphenylamine	10.70	169	1351543	55.66	ng		98
66) 4-Bromophenyl-phenylether	11.06	248	506073	59.41	ng	#	92
67) Hexachlorobenzene	11.13	284	513837	56.42	ng		97
68) Atrazine	11.22	200	471957	67.07	ng		94
69) Pentachlorophenol	11.32	266	370065	105.69	ng		97
70) Phenanthrene	11.54	178	2127948	50.47	ng		96
71) Anthracene	11.60	178	2175360	49.37	ng		93
72) Carbazole	11.75	167	1903451	52.17	ng		96
73) Di-n-butylphthalate	12.08	149	2309039	48.22	ng		96
74) Fluoranthene	12.73	202	2162349	51.47	ng		91
76) Benzidine	12.84	184	1090380	84.01	ng	#	93
77) Pyrene	12.96	202	2298073	38.98	ng		95
79) Butylbenzylphthalate	13.58	149	1090954	44.00	ng	#	98
80) Benzo(a)anthracene	14.15	228	2200965	51.57	ng		94
81) 3,3'-Dichlorobenzidine	14.11	252	912817	73.58	ng	#	97
82) Chrysene	14.18	228	1920365	46.39	ng		95
83) Bis(2-ethylhexyl)phthalate	14.14	149	1463853	44.90	ng	#	95
84) Di-n-octyl phthalate	14.74	149	2359411	50.94	ng		98
85) Indeno(1,2,3-cd)pyrene	17.12	276	1848523	53.75	ng		99
87) Benzo(b)fluoranthene	15.20	252	1961230	52.48	ng	#	94
88) Benzo(k)fluoranthene	15.23	252	1928031m	64.59	ng		
89) Benzo(a)pyrene	15.58	252	1885290	59.66	ng		98
90) Dibenzo(a,h)anthracene	17.14	278	1511656	50.40	ng		96
91) Benzo(g,h,i)perylene	17.58	276	1477663	47.44	ng		97

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

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