Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123015\
Data File : BF084170.D
Acq On : 31 Dec 2015 2:17
Operator : UM/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
Sohil
12/31/2015 6:41:29 PM

Quant Time: Dec 31 04:23:06 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 03:17:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	335231	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	1324809	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	636209	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	1152043	20.00	ng		0.01
75) Chrysene-d12	14.08	240	658845	20.00	ng		0.01
86) Perylene-d12	15.51	264	602961	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	2878575	143.99	ng		0.00
7) Phenol-d6	6.53	99	3807987	153.07	ng		0.01
23) Nitrobenzene-d5	7.48	82	3655329	159.12	ng		0.01
41) 2,4,6-Tribromophenol	10.74	330	821157	120.96	ng		0.01
44) 2-Fluorobiphenyl	9.28	172	4500736	99.08	ng		0.01
78) Terphenyl-d14	13.03	244	4506277	128.00	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	744120	88.71	ng		98
3) Pyridine	3.26	79	2151248	101.25	ng		97
4) n-Nitrosodimethylamine	3.23	42	1139457	117.78	ng		99
6) Aniline	6.58	93	2764467	86.38	ng		97
8) 2-Chlorophenol	6.69	128	1688674	69.67	ng		94
9) Benzaldehyde	6.45	77	950909	70.20	ng		92
10) Phenol	6.56	94	2209065	78.12	ng		95
11) bis(2-Chloroethyl)ether	6.65	93	1601020	78.16	ng		97
12) 1,3-Dichlorobenzene	6.84	146	1687535	64.14	ng		95
13) 1,4-Dichlorobenzene	6.92	146	1592388	59.54	ng		97
14) 1,2-Dichlorobenzene	7.08	146	1614869	65.96	ng		94
15) Benzyl Alcohol	7.05	79	1615203	83.56	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.18	45	3010833	131.56	ng		99
17) 2-Methylphenol	7.16	107	1412437	74.00	ng		99
18) Hexachloroethane	7.42	117	730177	74.35	ng		88
19) n-Nitroso-di-n-propylamine	7.33	70	1322996	85.63	ng		99
20) 3+4-Methylphenols	7.32	107	1557264	64.22	ng		95
22) Acetophenone	7.32	105	2211364	67.32	ng	#	97
24) Nitrobenzene	7.49	77	1563856	65.81	ng		95
25) Isophorone	7.74	82	3534303	83.03	ng		99
26) 2-Nitrophenol	7.81	139	942535	78.23	ng	#	82
27) 2,4-Dimethylphenol	7.85	122	1547144m	76.79	ng		
28) bis(2-Chloroethoxy)methane	7.95	93	2099718	84.15	ng		98
29) 2,4-Dichlorophenol	8.05	162	1449171	75.93	ng		96
30) 1,2,4-Trichlorobenzene	8.13	180	1337475	64.79	ng		98
31) Naphthalene	8.21	128	4022337	58.06	ng		98
32) Benzoic acid	8.00	122	1325395m	121.72	ng		
33) 4-Chloroaniline	8.26	127	1991921	69.96	ng		95
34) Hexachlorobutadiene	8.34	225	844088	71.07	ng		97
35) Caprolactam	8.67	113	522191	96.74	ng		99
36) 4-Chloro-3-methylphenol	8.75	107	1691929	79.12	ng		94
37) 2-Methylnaphthalene	8.91	142	3041524	69.00	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	1132818	57.02	ng		99
40) Hexachlorocyclopentadiene	9.06	237	859769	159.84	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	939420	71.78	ng		99
43) 2,4,5-Trichlorophenol	9.22	196	933079	71.29	ng		94
45) 1,1'-Biphenyl	9.38	154	3671299	65.91	ng		96
46) 2-Chloronaphthalene	9.40	162	2769376	65.02	ng		96
47) 2-Nitroaniline	9.49	65	1115312	95.48	ng		90
48) Acenaphthylene	9.81	152	3592008	50.80	ng		95
49) Dimethylphthalate	9.69	163	3366079	64.52	ng		98
50) 2,6-Dinitrotoluene	9.73	165	711382	65.02	ng	#	32
51) Acenaphthene	9.98	154	2640893	63.10	ng		98
52) 3-Nitroaniline	9.90	138	819098	69.84	ng		98
53) 2,4-Dinitrophenol	10.01	184	431314	130.12	ng		95
54) Dibenzofuran	10.16	168	3137789	54.31	ng	#	85
55) 4-Nitrophenol	10.05	139	656994	96.69	ng		92
56) 2,4-Dinitrotoluene	10.14	165	1060803	72.20	ng	#	82
57) Fluorene	10.50	166	2503053	52.31	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	772281	80.75	ng	#	93
59) Diethylphthalate	10.38	149	3232930	60.56	ng		97
60) 4-Chlorophenyl-phenylether	10.49	204	1199274	53.90	ng		88
61) 4-Nitroaniline	10.52	138	868563	77.41	ng		88
62) Azobenzene	10.65	77	3409528	74.83	ng		94
64) 4,6-Dinitro-2-methylphenol	10.54	198	449041	69.72	ng		82
65) n-Nitrosodiphenylamine	10.61	169	2384143	59.70	ng		99
66) 4-Bromophenyl-phenylether	10.98	248	806120	60.45	ng	#	81
67) Hexachlorobenzene	11.05	284	1002449	69.31	ng	#	79
68) Atrazine	11.14	200	748473	60.19	ng		99
69) Pentachlorophenol	11.23	266	595630	121.97	ng		99
70) Phenanthrene	11.46	178	3709830	55.16	ng		95
71) Anthracene	11.52	178	4355430	62.04	ng		99
72) Carbazole	11.66	167	3849376	64.17	ng		96
73) Di-n-butylphthalate	12.00	149	4258439	55.14	ng		98
74) Fluoranthene	12.65	202	4347328	61.46	ng		94
76) Benzidine	12.76	184	1669524	72.67	ng		98
77) Pyrene	12.88	202	4286242	78.10	ng		95
79) Butylbenzylphthalate	13.49	149	1829707	78.20	ng		89
80) Benzo(a)anthracene	14.05	228	3074122	76.52	ng		99
81) 3,3'-Dichlorobenzidine	14.03	252	1265871	101.05	ng	#	96
82) Chrysene	14.10	228	2952936	82.15	ng		97
83) Bis(2-ethylhexyl)phthalate	14.07	149	2358354	80.05	ng	#	94
84) Di-n-octyl phthalate	14.67	149	3617968	85.19	ng		96
85) Indeno(1,2,3-cd)pyrene	16.93	276	2755667	76.51	ng		98
87) Benzo(b)fluoranthene	15.09	252	2706012	60.45	ng		98
88) Benzo(k)fluoranthene	15.13	252	2557231m	84.65	ng		
89) Benzo(a)pyrene	15.45	252	2430003	66.12	ng		98
90) Dibenzo(a,h)anthracene	16.96	278	2181464	62.34	ng		98
91) Benzo(g,h,i)perylene	17.37	276	2357691	65.80	ng		98

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

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