Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103015\
Data File : BF082583.D
Acq On : 30 Oct 2015 20:34
Operator : UM/IZ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Mmdadoda
11/2/2015 4:32:00 PM

Quant Time: Oct 30 22:41:28 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 30 23:22:15 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	203580	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	750514	20.00	ng		0.01
38) Acenaphthene-d10	9.95	164	373075	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	738832	20.00	ng		0.00
75) Chrysene-d12	14.09	240	611407	20.00	ng		0.01
86) Perylene-d12	15.55	264	473028	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1284896	118.31	ng		0.00
7) Phenol-d6	6.53	99	1698232	120.99	ng		0.00
23) Nitrobenzene-d5	7.47	82	1747464	137.62	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	406460	137.67	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	2297306	95.34	ng		0.00
78) Terphenyl-d14	13.04	244	2760819	125.55	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	297883	55.60	ng		92
3) Pyridine	3.28	79	912295	70.64	ng		97
4) n-Nitrosodimethylamine	3.23	42	504757	83.43	ng		99
6) Aniline	6.57	93	1166659	64.36	ng		96
8) 2-Chlorophenol	6.69	128	735357	59.40	ng		92
9) Benzaldehyde	6.45	77	558844	73.21	ng		86
10) Phenol	6.54	94	916380	56.68	ng		90
11) bis(2-Chloroethyl)ether	6.65	93	768327	62.15	ng		86
12) 1,3-Dichlorobenzene	6.85	146	777842m	53.11	ng		
13) 1,4-Dichlorobenzene	6.92	146	732120	48.57	ng		99
14) 1,2-Dichlorobenzene	7.08	146	791636	55.38	ng		97
15) Benzyl Alcohol	7.05	79	731682	69.66	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	1181751	67.93	ng		95
17) 2-Methylphenol	7.16	107	580153	57.54	ng		96
18) Hexachloroethane	7.42	117	303676	57.78	ng		98
19) n-Nitroso-di-n-propylamine	7.33	70	641603	68.18	ng		94
20) 3+4-Methylphenols	7.32	107	807473	63.28	ng	#	81
22) Acetophenone	7.32	105	1073355	61.56	ng	#	84
24) Nitrobenzene	7.49	77	960336	68.89	ng	#	88
25) Isophorone	7.73	82	1621229	65.58	ng		97
26) 2-Nitrophenol	7.81	139	360577	56.75	ng	#	67
27) 2,4-Dimethylphenol	7.85	122	600130	55.80	ng		97
28) bis(2-Chloroethoxy)methane	7.95	93	977591	68.15	ng		98
29) 2,4-Dichlorophenol	8.05	162	612206	58.56	ng		94
30) 1,2,4-Trichlorobenzene	8.14	180	629082	53.43	ng	#	93
31) Naphthalene	8.22	128	1913845	54.47	ng		99
32) Benzoic acid	7.98	122	509081	79.36	ng		96
33) 4-Chloroaniline	8.26	127	776771	57.08	ng		99
34) Hexachlorobutadiene	8.35	225	409432	58.71	ng		97
35) Caprolactam	8.65	113	172491	58.15	ng		96
36) 4-Chloro-3-methylphenol	8.75	107	766567	74.18	ng		87
37) 2-Methylnaphthalene	8.91	142	1242170	51.76	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	680429	59.03	ng		99
40) Hexachlorocyclopentadiene	9.07	237	391477	125.59	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	449912	60.68	ng		98
43) 2,4,5-Trichlorophenol	9.22	196	455007	61.14	ng		96
45) 1,1'-Biphenyl	9.38	154	1702037	59.77	ng		97
46) 2-Chloronaphthalene	9.40	162	1290416	57.47	ng		95
47) 2-Nitroaniline	9.49	65	542218	79.91	ng	#	70
48) Acenaphthylene	9.81	152	1828124	50.83	ng		99
49) Dimethylphthalate	9.69	163	1540661	58.67	ng	#	98
50) 2,6-Dinitrotoluene	9.73	165	293872	50.40	ng	#	78
51) Acenaphthene	9.98	154	1205109	58.00	ng		99
52) 3-Nitroaniline	9.90	138	399082	63.80	ng		90
53) 2,4-Dinitrophenol	10.01	184	151924	68.99	ng	#	9
54) Dibenzofuran	10.16	168	1640996	54.98	ng		98
55) 4-Nitrophenol	10.05	139	268611	96.56	ng	#	70
56) 2,4-Dinitrotoluene	10.13	165	409754	56.10	ng	#	85
57) Fluorene	10.50	166	1278896	51.98	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.27	232	369796	63.20	ng		96
59) Diethylphthalate	10.38	149	1611067	61.48	ng		99
60) 4-Chlorophenyl-phenylether	10.50	204	707950	59.93	ng		93
61) 4-Nitroaniline	10.52	138	380164	61.53	ng		97
62) Azobenzene	10.66	77	1923362	72.64	ng		93
64) 4,6-Dinitro-2-methylphenol	10.54	198	231366	51.81	ng	#	52
65) n-Nitrosodiphenylamine	10.61	169	1156264	49.89	ng		100
66) 4-Bromophenyl-phenylether	10.99	248	439565	61.52	ng	#	92
67) Hexachlorobenzene	11.06	284	473931	62.85	ng	#	59
68) Atrazine	11.14	200	407082	58.11	ng		99
69) Pentachlorophenol	11.24	266	336705	105.33	ng		99
70) Phenanthrene	11.46	178	1943030	50.19	ng		99
71) Anthracene	11.52	178	2095012	53.41	ng		99
72) Carbazole	11.66	167	1692276	48.85	ng		99
73) Di-n-butylphthalate	12.01	149	2190713	52.13	ng		99
74) Fluoranthene	12.65	202	2056539	51.84	ng		99
76) Benzidine	12.77	184	1444616	76.79	ng		96
77) Pyrene	12.88	202	2076283	53.05	ng		99
79) Butylbenzylphthalate	13.51	149	943364	56.10	ng		90
80) Benzo(a)anthracene	14.08	228	1880629	55.06	ng		99
81) 3,3'-Dichlorobenzidine	14.04	252	675274	58.01	ng	#	96
82) Chrysene	14.11	228	1609824	49.16	ng		98
83) Bis(2-ethylhexyl)phthalate	14.08	149	1285473	57.52	ng		98
84) Di-n-octyl phthalate	14.71	149	2019882	55.27	ng		99
85) Indeno(1,2,3-cd)pyrene	16.99	276	1389712	48.00	ng		100
87) Benzo(b)fluoranthene	15.13	252	1727592	60.52	ng	#	99
88) Benzo(k)fluoranthene	15.16	252	1072581m	45.12	ng		
89) Benzo(a)pyrene	15.49	252	1262481	51.18	ng		98
90) Dibenzo(a,h)anthracene	17.01	278	1164438	55.58	ng		99
91) Benzo(g,h,i)perylene	17.43	276	1114246	53.85	ng		99

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

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