Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071015\
Data File : BF080412.D
Acq On : 11 Jul 2015 3:36
Operator : TP/UM
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
apatel
7/13/2015 3:31:18 PM

Quant Time: Jul 11 05:09:25 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 11 04:42:33 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.15	152	21174	20.00	ng		0.00
21) Naphthalene-d8	8.43	136	88395	20.00	ng		0.00
38) Acenaphthene-d10	10.19	164	46049	20.00	ng		0.00
63) Phenanthrene-d10	11.69	188	97259	20.00	ng		0.00
75) Chrysene-d12	14.49	240	97909	20.00	ng		-0.05
86) Perylene-d12	16.20	264	96642	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.79	112	129295	109.90	ng		0.00
7) Phenol-d6	6.80	99	167490	107.41	ng		0.00
23) Nitrobenzene-d5	7.71	82	153456	101.53	ng		0.00
41) 2,4,6-Tribromophenol	10.99	330	47218	98.14	ng		0.00
44) 2-Fluorobiphenyl	9.50	172	335451	98.52	ng		0.00
78) Terphenyl-d14	13.30	244	439213	103.60	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.92	88	26139	47.06	ng		89
3) Pyridine	3.93	79	69095	49.75	ng		95
4) n-Nitrosodimethylamine	3.72	42	39671	59.54	ng		97
6) Aniline	6.82	93	105077	49.81	ng		87
8) 2-Chlorophenol	6.94	128	76272	55.56	ng		98
9) Benzaldehyde	6.70	77	44109	51.06	ng		98
10) Phenol	6.81	94	92618	54.67	ng		96
11) bis(2-Chloroethyl)ether	6.88	93	76834	59.15	ng		97
12) 1,3-Dichlorobenzene	7.08	146	84137	51.12	ng		98
13) 1,4-Dichlorobenzene	7.16	146	96296	60.52	ng		99
14) 1,2-Dichlorobenzene	7.32	146	87202	54.90	ng		99
15) Benzyl Alcohol	7.30	79	70745	58.52	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.41	45	107229	52.15	ng		91
17) 2-Methylphenol	7.41	107	65021	59.66	ng		99
18) Hexachloroethane	7.66	117	29465	57.88	ng		94
19) n-Nitroso-di-n-propylamine	7.56	70	53774	53.14	ng		98
20) 3+4-Methylphenols	7.56	107	86552	58.40	ng	#	82
22) Acetophenone	7.56	105	109654	53.22	ng		99
24) Nitrobenzene	7.73	77	91914	58.32	ng		99
25) Isophorone	7.97	82	143862	49.62	ng		98
26) 2-Nitrophenol	8.05	139	41896	61.22	ng		97
27) 2,4-Dimethylphenol	8.09	122	69387	53.40	ng		99
28) bis(2-Chloroethoxy)methane	8.18	93	81127	45.05	ng		97
29) 2,4-Dichlorophenol	8.29	162	62553	53.63	ng		85
30) 1,2,4-Trichlorobenzene	8.37	180	78268	55.69	ng		99
31) Naphthalene	8.45	128	242042	53.12	ng		99
32) Benzoic acid	8.20	122	45610	68.17	ng		96
33) 4-Chloroaniline	8.51	127	87361	48.41	ng		99
34) Hexachlorobutadiene	8.57	225	45706	54.08	ng		98
35) Caprolactam	8.90	113	17198	48.81	ng	#	86
36) 4-Chloro-3-methylphenol	8.99	107	65790	54.28	ng	#	77
37) 2-Methylnaphthalene	9.15	142	155210	52.78	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.31	216	78967	53.52	ng		97
40) Hexachlorocyclopentadiene	9.30	237	42297	75.17	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.44	196	46003	48.25	ng		99
43) 2,4,5-Trichlorophenol	9.47	196	51455	46.76	ng		94
45) 1,1'-Biphenyl	9.61	154	201405	49.33	ng		100
46) 2-Chloronaphthalene	9.64	162	146181	47.18	ng		98
47) 2-Nitroaniline	9.74	65	46523	53.28	ng		97
48) Acenaphthylene	10.05	152	257765	49.77	ng		99
49) Dimethylphthalate	9.90	163	167869	45.26	ng	#	96
50) 2,6-Dinitrotoluene	9.97	165	41099	53.03	ng		95
51) Acenaphthene	10.22	154	163123	52.24	ng		99
52) 3-Nitroaniline	10.16	138	40501	47.46	ng		99
53) 2,4-Dinitrophenol	10.25	184	16027	57.40	ng	#	37
54) Dibenzofuran	10.40	168	212154	48.23	ng		100
55) 4-Nitrophenol	10.33	139	28970	46.85	ng		97
56) 2,4-Dinitrotoluene	10.37	165	45971	46.94	ng		98
57) Fluorene	10.74	166	174746	46.55	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.52	232	45434m	50.79	ng		
59) Diethylphthalate	10.60	149	165305	45.50	ng		100
60) 4-Chlorophenyl-phenylether	10.73	204	85779	50.78	ng		97
61) 4-Nitroaniline	10.77	138	39809	48.49	ng		98
62) Azobenzene	10.89	77	181470	51.42	ng		99
64) 4,6-Dinitro-2-methylphenol	10.78	198	27475	53.43	ng		94
65) n-Nitrosodiphenylamine	10.85	169	152852	49.39	ng		99
66) 4-Bromophenyl-phenylether	11.22	248	48660	44.12	ng		96
67) Hexachlorobenzene	11.30	284	49992	43.55	ng		99
68) Atrazine	11.38	200	49943	52.88	ng		100
69) Pentachlorophenol	11.49	266	29761	50.20	ng		96
70) Phenanthrene	11.71	178	276930	47.31	ng		99
71) Anthracene	11.77	178	268775	47.33	ng		97
72) Carbazole	11.93	167	245091	46.10	ng		100
73) Di-n-butylphthalate	12.24	149	269763	44.48	ng		98
74) Fluoranthene	12.92	202	306365	48.94	ng		100
76) Benzidine	13.06	184	101240	42.66	ng		99
77) Pyrene	13.16	202	307034	51.66	ng		100
79) Butylbenzylphthalate	13.81	149	118594	50.35	ng	#	76
80) Benzo(a)anthracene	14.48	228	299998	50.55	ng		99
81) 3,3'-Dichlorobenzidine	14.43	252	94833	49.03	ng		98
82) Chrysene	14.52	228	279473	50.55	ng		98
83) Bis(2-ethylhexyl)phthalate	14.43	149	183866	51.25	ng	#	94
84) Di-n-octyl phthalate	15.17	149	340098	56.62	ng		100
85) Indeno(1,2,3-cd)pyrene	17.86	276	345646	53.04	ng		100
87) Benzo(b)fluoranthene	15.71	252	331736	54.39	ng		99
88) Benzo(k)fluoranthene	15.75	252	254097m	44.23	ng		
89) Benzo(a)pyrene	16.13	252	286900	51.58	ng		98
90) Dibenzo(a,h)anthracene	17.87	278	278392	50.85	ng		99
91) Benzo(g,h,i)perylene	18.35	276	280513	50.68	ng		99

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

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