Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
Data File : BF083995.D
Acq On : 22 Dec 2015 16:44
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
apatel
12/23/2015 4:26:48 PM

Quant Time: Dec 22 18:35:29 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 16:58:06 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	46340	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	173488	20.00	ng		0.01
38) Acenaphthene-d10	9.87	164	82922	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	145860	20.00	ng		0.00
75) Chrysene-d12	14.00	240	103796	20.00	ng		0.00
86) Perylene-d12	15.43	264	87607	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	321706	58.07	ng		0.00
7) Phenol-d6	6.48	99	300744	45.27	ng		0.00
23) Nitrobenzene-d5	7.40	82	296249	52.47	ng		0.01
41) 2,4,6-Tribromophenol	10.66	330	79005	51.44	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	589856	45.38	ng		0.00
78) Terphenyl-d14	12.93	244	464328	51.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	76849	59.10	ng		98
3) Pyridine	3.10	79	191918	76.16	ng		100
4) n-Nitrosodimethylamine	3.06	42	71567m	71.74	ng		
6) Aniline	6.49	93	205454	43.97	ng	#	57
8) 2-Chlorophenol	6.62	128	147712	45.59	ng		85
9) Benzaldehyde	6.37	77	103830	45.77	ng		97
10) Phenol	6.49	94	160374	40.70	ng	#	62
11) bis(2-Chloroethyl)ether	6.57	93	129497	43.72	ng		96
12) 1,3-Dichlorobenzene	6.77	146	173366	48.86	ng		99
13) 1,4-Dichlorobenzene	6.85	146	159786m	45.83	ng		
14) 1,2-Dichlorobenzene	7.00	146	162582	46.65	ng		99
15) Benzyl Alcohol	6.98	79	131383	51.54	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.12	45	134347	46.73	ng		95
17) 2-Methylphenol	7.09	107	116454	44.56	ng		94
18) Hexachloroethane	7.34	117	63885	51.03	ng		97
19) n-Nitroso-di-n-propylamine	7.25	70	99176	50.90	ng		93
20) 3+4-Methylphenols	7.25	107	147181	45.67	ng	#	60
22) Acetophenone	7.24	105	194613	46.03	ng		95
24) Nitrobenzene	7.41	77	137675	46.58	ng		96
25) Isophorone	7.65	82	254653	47.43	ng		99
26) 2-Nitrophenol	7.73	139	80009	50.39	ng	#	89
27) 2,4-Dimethylphenol	7.78	122	133468	46.80	ng		97
28) bis(2-Chloroethoxy)methane	7.87	93	171334	51.01	ng		97
29) 2,4-Dichlorophenol	7.98	162	120171	48.82	ng		95
30) 1,2,4-Trichlorobenzene	8.06	180	129137	50.44	ng	#	95
31) Naphthalene	8.13	128	417335	45.20	ng		99
32) Benzoic acid	7.92	122	60106	69.71	ng		96
33) 4-Chloroaniline	8.19	127	184508	49.42	ng	#	93
34) Hexachlorobutadiene	8.26	225	77068	48.56	ng		98
35) Caprolactam	8.57	113	37624	52.73	ng		89
36) 4-Chloro-3-methylphenol	8.68	107	139852	55.62	ng		99
37) 2-Methylnaphthalene	8.83	142	298496	50.31	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	133232	53.44	ng		97
40) Hexachlorocyclopentadiene	8.99	237	33467	81.75	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	80407	53.08	ng		98
43) 2,4,5-Trichlorophenol	9.16	196	80056	50.73	ng		98
45) 1,1'-Biphenyl	9.30	154	362106	46.79	ng		96
46) 2-Chloronaphthalene	9.32	162	273067	48.89	ng		93
47) 2-Nitroaniline	9.41	65	69587	47.15	ng		91
48) Acenaphthylene	9.73	152	432285	50.25	ng		99
49) Dimethylphthalate	9.60	163	295758	43.08	ng	#	91
50) 2,6-Dinitrotoluene	9.65	165	62934	44.07	ng	#	50
51) Acenaphthene	9.90	154	248901	49.03	ng		99
52) 3-Nitroaniline	9.82	138	67867	46.87	ng		92
53) 2,4-Dinitrophenol	9.94	184	26796	67.41	ng	#	88
54) Dibenzofuran	10.08	168	369011	46.33	ng		93
55) 4-Nitrophenol	10.01	139	42273	52.44	ng		91
56) 2,4-Dinitrotoluene	10.06	165	89367	52.10	ng		94
57) Fluorene	10.42	166	293792	47.09	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.20	232	68434	58.83	ng		91
59) Diethylphthalate	10.29	149	306134	46.82	ng		97
60) 4-Chlorophenyl-phenylether	10.41	204	124639	42.90	ng	#	86
61) 4-Nitroaniline	10.44	138	74786	50.84	ng		98
62) Azobenzene	10.57	77	260306	46.24	ng		92
64) 4,6-Dinitro-2-methylphenol	10.48	198	44635m	63.15	ng		
65) n-Nitrosodiphenylamine	10.53	169	263471	46.98	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	83716	48.27	ng	#	84
67) Hexachlorobenzene	10.97	284	85498	45.17	ng	#	78
68) Atrazine	11.06	200	82773	49.32	ng		98
69) Pentachlorophenol	11.16	266	28823	67.99	ng		97
70) Phenanthrene	11.38	178	410250	47.39	ng		99
71) Anthracene	11.42	178	394109	45.26	ng		99
72) Carbazole	11.58	167	386188	47.44	ng		99
73) Di-n-butylphthalate	11.92	149	469866	45.49	ng	#	98
74) Fluoranthene	12.57	202	409092	48.40	ng		95
76) Benzidine	12.68	184	211507	58.61	ng		99
77) Pyrene	12.80	202	408286	59.78	ng		99
79) Butylbenzylphthalate	13.40	149	173503	56.71	ng		86
80) Benzo(a)anthracene	13.99	228	310779	51.04	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	116356	52.30	ng	#	97
82) Chrysene	14.02	228	291744	52.26	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	248042	55.63	ng	#	96
84) Di-n-octyl phthalate	14.58	149	366871	53.80	ng		100
85) Indeno(1,2,3-cd)pyrene	16.83	276	278361	62.39	ng		99
87) Benzo(b)fluoranthene	15.01	252	272511m	48.49	ng		
88) Benzo(k)fluoranthene	15.04	252	255764m	47.52	ng		
89) Benzo(a)pyrene	15.36	252	249760	47.82	ng	#	95
90) Dibenzo(a,h)anthracene	16.83	278	232655	57.90	ng		99
91) Benzo(g,h,i)perylene	17.25	276	233234	58.04	ng		98

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

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