Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
Data File : BF083996.D
Acq On : 22 Dec 2015 17:12
Operator : UM/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
apatel
12/23/2015 4:26:53 PM

Quant Time: Dec 22 18:34:40 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 17:16:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	62483	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	227478	20.00	ng		0.01
38) Acenaphthene-d10	9.87	164	111801	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	203829	20.00	ng		0.00
75) Chrysene-d12	14.00	240	151196	20.00	ng		0.00
86) Perylene-d12	15.43	264	114443	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	388270	50.36	ng		0.00
7) Phenol-d6	6.48	99	495728	56.41	ng		0.00
23) Nitrobenzene-d5	7.40	82	463149	61.95	ng		0.01
41) 2,4,6-Tribromophenol	10.66	330	130806	62.81	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	820926	47.73	ng		0.00
78) Terphenyl-d14	12.93	244	725577	55.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	93030	51.20	ng		97
3) Pyridine	3.10	79	228142	60.78	ng		98
4) n-Nitrosodimethylamine	3.06	42	91426	62.21	ng		94
6) Aniline	6.50	93	335300	54.54	ng	#	87
8) 2-Chlorophenol	6.62	128	231307	53.90	ng		89
9) Benzaldehyde	6.37	77	161614	53.74	ng		96
10) Phenol	6.50	94	273673	53.49	ng		77
11) bis(2-Chloroethyl)ether	6.57	93	210027	53.94	ng		96
12) 1,3-Dichlorobenzene	6.77	146	270042	56.70	ng		98
13) 1,4-Dichlorobenzene	6.85	146	260227m	56.30	ng		
14) 1,2-Dichlorobenzene	7.00	146	226692	48.89	ng		98
15) Benzyl Alcohol	6.98	79	185240	53.56	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.12	45	194123	50.74	ng		96
17) 2-Methylphenol	7.10	107	179125	51.97	ng		94
18) Hexachloroethane	7.34	117	97026	57.24	ng		97
19) n-Nitroso-di-n-propylamine	7.25	70	144108	54.66	ng	#	89
20) 3+4-Methylphenols	7.25	107	220550	51.65	ng	#	76
22) Acetophenone	7.24	105	311936	57.18	ng		94
24) Nitrobenzene	7.41	77	224208	58.66	ng		94
25) Isophorone	7.66	82	440403	63.21	ng		95
26) 2-Nitrophenol	7.73	139	123906	59.43	ng	#	86
27) 2,4-Dimethylphenol	7.78	122	199031	53.91	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	266872	60.35	ng		99
29) 2,4-Dichlorophenol	7.98	162	197952	61.62	ng		97
30) 1,2,4-Trichlorobenzene	8.06	180	197511	58.73	ng		95
31) Naphthalene	8.14	128	671786	56.58	ng		99
32) Benzoic acid	7.93	122	98511	80.77	ng		93
33) 4-Chloroaniline	8.19	127	291243	59.63	ng		95
34) Hexachlorobutadiene	8.26	225	115565	55.85	ng		98
35) Caprolactam	8.58	113	67574	71.45	ng	#	77
36) 4-Chloro-3-methylphenol	8.68	107	202924	60.19	ng		95
37) 2-Methylnaphthalene	8.83	142	419729	53.89	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	209775	61.56	ng		98
40) Hexachlorocyclopentadiene	8.99	237	62839	98.25	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	124647	60.29	ng		98
43) 2,4,5-Trichlorophenol	9.16	196	132959	62.31	ng		95
45) 1,1'-Biphenyl	9.30	154	603555	58.60	ng		97
46) 2-Chloronaphthalene	9.32	162	399496	53.29	ng		96
47) 2-Nitroaniline	9.41	65	107151	54.47	ng		90
48) Acenaphthylene	9.73	152	645319	55.58	ng		99
49) Dimethylphthalate	9.61	163	506444	56.27	ng	#	91
50) 2,6-Dinitrotoluene	9.66	165	114480	60.90	ng		97
51) Acenaphthene	9.90	154	401817	58.94	ng		99
52) 3-Nitroaniline	9.84	138	133109	69.04	ng	#	68
53) 2,4-Dinitrophenol	9.94	184	45205	77.59	ng	#	72
54) Dibenzofuran	10.08	168	502386	47.48	ng		91
55) 4-Nitrophenol	10.01	139	80362	73.23	ng		97
56) 2,4-Dinitrotoluene	10.06	165	125766	53.93	ng		99
57) Fluorene	10.42	166	435963	52.44	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	111609	68.74	ng		92
59) Diethylphthalate	10.29	149	485054	55.73	ng		96
60) 4-Chlorophenyl-phenylether	10.41	204	184817	48.56	ng	#	83
61) 4-Nitroaniline	10.44	138	122390	61.51	ng		100
62) Azobenzene	10.57	77	459043	61.41	ng		91
64) 4,6-Dinitro-2-methylphenol	10.48	198	70244m	67.21	ng		
65) n-Nitrosodiphenylamine	10.53	169	420008	54.25	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	121537	50.50	ng	#	78
67) Hexachlorobenzene	10.97	284	145123	55.95	ng	#	70
68) Atrazine	11.06	200	117983	50.44	ng		99
69) Pentachlorophenol	11.17	266	54024	85.07	ng		99
70) Phenanthrene	11.38	178	627418	52.41	ng		98
71) Anthracene	11.44	178	704531	59.02	ng		99
72) Carbazole	11.58	167	588355	52.26	ng		99
73) Di-n-butylphthalate	11.92	149	736985	52.00	ng	#	97
74) Fluoranthene	12.57	202	660848	56.31	ng		97
76) Benzidine	12.68	184	344559	63.37	ng		100
77) Pyrene	12.80	202	633073	61.24	ng		99
79) Butylbenzylphthalate	13.41	149	330417	72.20	ng	#	82
80) Benzo(a)anthracene	13.99	228	528839	59.38	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	194977	59.61	ng	#	95
82) Chrysene	14.02	228	485630m	59.19	ng		
83) Bis(2-ethylhexyl)phthalate	13.97	149	412546	62.12	ng	#	96
84) Di-n-octyl phthalate	14.58	149	600599	59.56	ng		98
85) Indeno(1,2,3-cd)pyrene	16.83	276	440547	64.59	ng		99
87) Benzo(b)fluoranthene	15.01	252	408027m	55.91	ng		
88) Benzo(k)fluoranthene	15.04	252	402184m	57.78	ng		
89) Benzo(a)pyrene	15.37	252	395458	58.47	ng		99
90) Dibenzo(a,h)anthracene	16.84	278	369405	68.22	ng		96
91) Benzo(g,h,i)perylene	17.25	276	392641	72.46	ng		99

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

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