Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
Data File : BF083993.D
Acq On : 22 Dec 2015 15:48
Operator : UM/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC025

Manual Integrations APPROVED
apatel
12/23/2015 4:26:39 PM

Quant Time: Dec 22 18:26:58 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 16:42:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	59497	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	228695	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	90480	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	168613	20.00	ng		0.00
75) Chrysene-d12	13.99	240	162597	20.00	ng		-0.01
86) Perylene-d12	15.41	264	126659	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	180991	25.45	ng		0.00
7) Phenol-d6	6.48	99	206073	24.16	ng		0.00
23) Nitrobenzene-d5	7.39	82	186408	25.04	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	47322	28.24	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	420660	29.66	ng		0.00
78) Terphenyl-d14	12.93	244	351403	24.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	39829	23.86	ng		95
3) Pyridine	3.12	79	88976	27.13	ng		98
4) n-Nitrosodimethylamine	3.05	42	32483	25.36	ng		100
6) Aniline	6.49	93	143817	23.97	ng	#	83
8) 2-Chlorophenol	6.61	128	101813	24.47	ng		96
9) Benzaldehyde	6.37	77	70877	24.33	ng		99
10) Phenol	6.49	94	122274	24.17	ng	#	67
11) bis(2-Chloroethyl)ether	6.57	93	87900	23.11	ng		96
12) 1,3-Dichlorobenzene	6.77	146	111119	24.39	ng		99
13) 1,4-Dichlorobenzene	6.84	146	108887	24.33	ng		100
14) 1,2-Dichlorobenzene	7.00	146	113831	25.44	ng		96
15) Benzyl Alcohol	6.98	79	81692	24.96	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	93909	25.44	ng		96
17) 2-Methylphenol	7.09	107	84279	25.12	ng		98
18) Hexachloroethane	7.34	117	42879	26.67	ng		92
19) n-Nitroso-di-n-propylamine	7.24	70	66645	26.64	ng	#	88
20) 3+4-Methylphenols	7.25	107	103576	25.03	ng	#	51
22) Acetophenone	7.24	105	140739	25.25	ng	#	92
24) Nitrobenzene	7.41	77	104105	26.72	ng		96
25) Isophorone	7.65	82	182208	25.74	ng		96
26) 2-Nitrophenol	7.73	139	48463	23.16	ng		98
27) 2,4-Dimethylphenol	7.78	122	90338	24.03	ng		93
28) bis(2-Chloroethoxy)methane	7.87	93	101981	23.03	ng	#	97
29) 2,4-Dichlorophenol	7.98	162	73402	22.62	ng		92
30) 1,2,4-Trichlorobenzene	8.05	180	79123	23.44	ng		96
31) Naphthalene	8.13	128	302747	24.88	ng		99
32) Benzoic acid	7.89	122	34633	30.47	ng		94
33) 4-Chloroaniline	8.19	127	116149	23.60	ng	#	89
34) Hexachlorobutadiene	8.26	225	52761	25.22	ng		99
35) Caprolactam	8.54	113	24813	26.38	ng		85
36) 4-Chloro-3-methylphenol	8.68	107	76878	23.19	ng		92
37) 2-Methylnaphthalene	8.83	142	205516	26.28	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	76224	28.02	ng		98
40) Hexachlorocyclopentadiene	8.99	237	12504	27.99	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	51113	30.93	ng		99
43) 2,4,5-Trichlorophenol	9.16	196	52920	30.73	ng		98
45) 1,1'-Biphenyl	9.29	154	235398	27.88	ng		99
46) 2-Chloronaphthalene	9.32	162	177250	29.09	ng	#	88
47) 2-Nitroaniline	9.41	65	49427	30.69	ng	#	73
48) Acenaphthylene	9.73	152	241455	25.72	ng		98
49) Dimethylphthalate	9.60	163	218819	29.21	ng	#	91
50) 2,6-Dinitrotoluene	9.65	165	47678	30.60	ng	#	81
51) Acenaphthene	9.90	154	139396	25.17	ng		99
52) 3-Nitroaniline	9.82	138	44213	27.98	ng	#	76
53) 2,4-Dinitrophenol	9.94	184	11096	25.58	ng		94
54) Dibenzofuran	10.08	168	221724	25.51	ng		98
55) 4-Nitrophenol	10.00	139	25233	28.69	ng	#	84
56) 2,4-Dinitrotoluene	10.06	165	48464	25.89	ng	#	79
57) Fluorene	10.42	166	177059	26.01	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	34377	27.08	ng		93
59) Diethylphthalate	10.29	149	189936	26.62	ng		99
60) 4-Chlorophenyl-phenylether	10.41	204	80538	25.40	ng		92
61) 4-Nitroaniline	10.43	138	38934	24.26	ng		98
62) Azobenzene	10.57	77	160447	26.12	ng		96
64) 4,6-Dinitro-2-methylphenol	10.48	198	20819m	25.48	ng		
65) n-Nitrosodiphenylamine	10.52	169	142868	22.04	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	49063	24.47	ng	#	92
67) Hexachlorobenzene	10.97	284	53701	24.54	ng	#	90
68) Atrazine	11.05	200	43462	22.40	ng		97
69) Pentachlorophenol	11.16	266	15641	31.92	ng		98
70) Phenanthrene	11.38	178	247692	24.75	ng		99
71) Anthracene	11.42	178	246902	24.53	ng		99
72) Carbazole	11.58	167	231828	24.64	ng		98
73) Di-n-butylphthalate	11.92	149	304849	25.53	ng		100
74) Fluoranthene	12.57	202	254792	26.08	ng		93
76) Benzidine	12.68	184	150376	26.60	ng		98
77) Pyrene	12.80	202	264675	24.74	ng		98
79) Butylbenzylphthalate	13.40	149	131676	27.47	ng		89
80) Benzo(a)anthracene	13.99	228	234395	24.57	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	91784	26.33	ng	#	97
82) Chrysene	14.02	228	228580	26.14	ng		98
83) Bis(2-ethylhexyl)phthalate	13.97	149	182301	26.10	ng	#	96
84) Di-n-octyl phthalate	14.58	149	290829	27.23	ng		100
85) Indeno(1,2,3-cd)pyrene	16.83	276	165107	23.62	ng		100
87) Benzo(b)fluoranthene	15.01	252	213482	26.27	ng		99
88) Benzo(k)fluoranthene	15.04	252	186979m	24.00	ng		
89) Benzo(a)pyrene	15.36	252	188113	24.91	ng	#	96
90) Dibenzo(a,h)anthracene	16.83	278	134555	23.16	ng		99
91) Benzo(g,h,i)perylene	17.25	276	153547	26.43	ng		98

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

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