Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
Data File : BF087654.D
Acq On : 4 Jun 2016 9:10
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
SOHIL
6/6/2016 7:18:05 PM

Quant Time: Jun 04 11:03:51 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 10:28:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	112731	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	500728	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	221766	20.00	ng		-0.01
63) Phenanthrene-d10	11.38	188	448251	20.00	ng		0.00
75) Chrysene-d12	14.01	240	362102	20.00	ng		-0.01
86) Perylene-d12	15.44	264	296795	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	40158	5.76	ng		-0.01
7) Phenol-d6	6.47	99	52862	6.04	ng		-0.02
23) Nitrobenzene-d5	7.42	82	45300	5.23	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	11752	5.28	ng		0.00
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	12.96	244	87842	5.92	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	7936	2.35	ng	#	30
3) Pyridine	3.26	79	21083	2.36	ng	#	92
4) n-Nitrosodimethylamine	3.14	42	9654	2.57	ng	#	88
6) Aniline	6.51	93	34597	2.79	ng		99
8) 2-Chlorophenol	6.64	128	21836	2.72	ng		85
9) Benzaldehyde	6.40	77	17032	2.88	ng		91
10) Phenol	6.48	94	27796	2.79	ng		92
11) bis(2-Chloroethyl)ether	6.59	93	19581	2.71	ng		86
12) 1,3-Dichlorobenzene	6.80	146	25630	2.98	ng		96
13) 1,4-Dichlorobenzene	6.88	146	25638	2.97	ng		96
14) 1,2-Dichlorobenzene	7.03	146	24341m	3.01	ng		
15) Benzyl Alcohol	6.99	79	18056	2.79	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	29435	2.79	ng		98
17) 2-Methylphenol	7.11	107	16841	2.61	ng		95
18) Hexachloroethane	7.37	117	7642	2.53	ng	#	78
19) n-Nitroso-di-n-propylamine	7.27	70	15299	2.80	ng		93
20) 3+4-Methylphenols	7.26	107	22497	2.85	ng		94
22) Acetophenone	7.27	105	31687	2.79	ng	#	99
24) Nitrobenzene	7.44	77	21013	2.43	ng		99
25) Isophorone	7.68	82	41508	2.63	ng		100
27) 2,4-Dimethylphenol	7.79	122	22608	2.71	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	28020	2.80	ng	#	96
29) 2,4-Dichlorophenol	8.00	162	15850	2.31	ng		90
30) 1,2,4-Trichlorobenzene	8.09	180	19589	2.73	ng		96
31) Naphthalene	8.17	128	66356	2.73	ng		98
33) 4-Chloroaniline	8.22	127	26822	2.54	ng	#	91
34) Hexachlorobutadiene	8.30	225	9409	2.52	ng		99
35) Caprolactam	8.54	113	4756	2.11	ng	#	79
36) 4-Chloro-3-methylphenol	8.68	107	18058	2.55	ng		99
37) 2-Methylnaphthalene	8.86	142	44672	2.78	ng		97
40) Hexachlorocyclopentadiene	9.02	237	8799	2.45	ng		98
42) 2,4,6-Trichlorophenol	9.13	196	12281	2.66	ng		98
43) 2,4,5-Trichlorophenol	9.16	196	10244	2.38	ng	#	94
46) 2-Chloronaphthalene	9.35	162	40610	2.83	ng	#	92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Dimethylphthalate	9.62	163	44936	2.79	ng		97
50) 2,6-Dinitrotoluene	9.68	165	8820	2.40	ng		91
51) Acenaphthene	9.93	154	43392	3.02	ng		98
52) 3-Nitroaniline	9.84	138	9979	2.38	ng	#	97
56) 2,4-Dinitrotoluene	10.08	165	9350	2.00	ng	#	96
58) 2,3,4,6-Tetrachlorophenol	10.22	232	9831	2.66	ng	#	53
59) Diethylphthalate	10.32	149	48665	3.01	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	20972	2.32	ng	#	85
61) 4-Nitroaniline	10.44	138	9820	2.43	ng		99
62) Azobenzene	10.59	77	42081	2.58	ng		92
64) 4,6-Dinitro-2-methylphenol	10.48	198	2319	2.91	ng		79
65) n-Nitrosodiphenylamine	10.56	169	37172	2.53	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	11185	2.52	ng	#	68
67) Hexachlorobenzene	10.99	284	13749	2.77	ng	#	75
68) Atrazine	11.08	200	9573	2.20	ng		97
70) Phenanthrene	11.40	178	72056	2.96	ng		97
71) Anthracene	11.45	178	68490	2.81	ng		97
72) Carbazole	11.61	167	60069	2.61	ng		97
73) Di-n-butylphthalate	11.95	149	60434	2.45	ng	#	97
74) Fluoranthene	12.58	202	62457	2.61	ng		94
77) Pyrene	12.81	202	67973	2.64	ng		99
80) Benzo(a)anthracene	14.00	228	58276	2.79	ng		97
82) Chrysene	14.03	228	56223	2.70	ng		97
83) Bis(2-ethylhexyl)phthalate	14.01	149	27883	2.14	ng	#	98
85) Indeno(1,2,3-cd)pyrene	16.82	276	35733	2.08	ng	#	100
87) Benzo(b)fluoranthene	15.03	252	45151	2.34	ng		99
89) Benzo(a)pyrene	15.37	252	37827	2.33	ng		98
90) Dibenzo(a,h)anthracene	16.85	278	30340	2.20	ng		96
91) Benzo(g,h,i)perylene	17.23	276	30605	2.20	ng		99

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

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