Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
Data File : BF083991.D
Acq On : 22 Dec 2015 14:53
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
apatel
12/23/2015 4:26:29 PM

Quant Time: Dec 22 18:52:12 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	55336	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	248322	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	122736	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	221814	20.00	ng		-0.01
75) Chrysene-d12	13.99	240	214963	20.00	ng		-0.01
86) Perylene-d12	15.41	264	160935	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	18441	2.79	ng		0.01
7) Phenol-d6	6.48	99	20731	2.61	ng		0.00
23) Nitrobenzene-d5	7.39	82	19393	2.40	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	4623	2.03	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	44698	2.32	ng		-0.01
78) Terphenyl-d14	12.93	244	42603	2.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	4179	2.69	ng	#	88
4) n-Nitrosodimethylamine	3.12	42	2965	2.49	ng	#	97
6) Aniline	6.49	93	16658	2.99	ng	#	78
8) 2-Chlorophenol	6.62	128	11085	2.86	ng		90
9) Benzaldehyde	6.38	77	6600	2.44	ng		92
10) Phenol	6.49	94	14015	2.98	ng	#	62
11) bis(2-Chloroethyl)ether	6.56	93	10430	2.95	ng		94
12) 1,3-Dichlorobenzene	6.77	146	11737	2.77	ng		98
13) 1,4-Dichlorobenzene	6.85	146	10652	2.56	ng		89
14) 1,2-Dichlorobenzene	7.00	146	11164	2.68	ng		99
15) Benzyl Alcohol	6.98	79	7189	2.36	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.12	45	8486	2.47	ng		89
17) 2-Methylphenol	7.09	107	8155	2.61	ng		96
18) Hexachloroethane	7.34	117	3781	2.53	ng		89
19) n-Nitroso-di-n-propylamine	7.24	70	5834	2.51	ng		96
20) 3+4-Methylphenols	7.25	107	10316	2.68	ng	#	58
22) Acetophenone	7.24	105	14871	2.46	ng	#	91
24) Nitrobenzene	7.41	77	9405	2.22	ng		96
25) Isophorone	7.65	82	18518	2.41	ng		95
26) 2-Nitrophenol	7.73	139	5044	2.22	ng	#	86
27) 2,4-Dimethylphenol	7.78	122	9616	2.36	ng		94
28) bis(2-Chloroethoxy)methane	7.86	93	11929	2.48	ng	#	94
29) 2,4-Dichlorophenol	7.98	162	9280	2.63	ng		96
30) 1,2,4-Trichlorobenzene	8.06	180	8944	2.44	ng		89
31) Naphthalene	8.13	128	34473	2.61	ng		100
33) 4-Chloroaniline	8.19	127	13935	2.61	ng	#	94
34) Hexachlorobutadiene	8.26	225	5897	2.60	ng		96
35) Caprolactam	8.51	113	2510	2.46	ng		94
36) 4-Chloro-3-methylphenol	8.68	107	8987	2.50	ng		97
37) 2-Methylnaphthalene	8.83	142	20637	2.43	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	8076	2.19	ng		96
42) 2,4,6-Trichlorophenol	9.12	196	4768	2.13	ng		96
43) 2,4,5-Trichlorophenol	9.16	196	4863	2.08	ng	#	90
45) 1,1'-Biphenyl	9.29	154	28227	2.46	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	9.32	162	19360	2.34	ng	#	87
47) 2-Nitroaniline	9.41	65	4912	2.25	ng		94
48) Acenaphthylene	9.73	152	31806	2.50	ng		99
49) Dimethylphthalate	9.58	163	26750	2.63	ng	#	89
50) 2,6-Dinitrotoluene	9.65	165	4925	2.33	ng		95
51) Acenaphthene	9.90	154	19058	2.54	ng		98
52) 3-Nitroaniline	9.82	138	5036	2.35	ng	#	79
54) Dibenzofuran	10.08	168	29949	2.54	ng		98
56) 2,4-Dinitrotoluene	10.06	165	5226	2.06	ng	#	89
57) Fluorene	10.42	166	23104	2.50	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.20	232	3815	2.22	ng	#	86
59) Diethylphthalate	10.28	149	24627	2.54	ng		94
60) 4-Chlorophenyl-phenylether	10.41	204	11490	2.67	ng		99
61) 4-Nitroaniline	10.43	138	5242	2.41	ng		89
62) Azobenzene	10.57	77	20841	2.50	ng		99
65) n-Nitrosodiphenylamine	10.52	169	22044	2.58	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	6269	2.38	ng	#	90
67) Hexachlorobenzene	10.97	284	7469	2.59	ng	#	91
68) Atrazine	11.05	200	6520	2.55	ng		99
70) Phenanthrene	11.38	178	34735	2.64	ng		99
71) Anthracene	11.42	178	34327	2.59	ng		99
72) Carbazole	11.58	167	32299	2.61	ng		98
73) Di-n-butylphthalate	11.92	149	37751	2.40	ng		99
74) Fluoranthene	12.57	202	27663	2.15	ng		95
80) Benzo(a)anthracene	13.97	228	33187	2.63	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	10438	2.27	ng	#	93
82) Chrysene	14.02	228	28821	2.49	ng		97
83) Bis(2-ethylhexyl)phthalate	13.97	149	20002	2.17	ng	#	93
84) Di-n-octyl phthalate	14.58	149	29956	2.12	ng		99
85) Indeno(1,2,3-cd)pyrene	16.84	276	21257	2.30	ng		99
87) Benzo(b)fluoranthene	15.01	252	25344m	2.45	ng		
88) Benzo(k)fluoranthene	15.05	252	27507m	2.78	ng		
89) Benzo(a)pyrene	15.37	252	24930	2.60	ng	#	98
90) Dibenzo(a,h)anthracene	16.84	278	18078	2.45	ng		96
91) Benzo(g,h,i)perylene	17.28	276	17967	2.43	ng		97

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

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