Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084706.D
Acq On : 1 Feb 2016 13:27
Operator : SJ/IZ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
mohammad
2/2/2016 4:17:31 PM

Quant Time: Feb 01 13:59:48 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 12:56:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	170451	20.00	ng		-0.01
21) Naphthalene-d8	8.01	136	687692	20.00	ng		-0.01
38) Acenaphthene-d10	9.76	164	336859	20.00	ng		-0.01
63) Phenanthrene-d10	11.23	188	595564	20.00	ng		-0.01
75) Chrysene-d12	13.87	240	432732	20.00	ng		0.00
86) Perylene-d12	15.24	264	369040	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1187998	105.21	ng		-0.01
7) Phenol-d6	6.37	99	1540771	113.84	ng		0.00
23) Nitrobenzene-d5	7.29	82	1340917	108.97	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	371355	105.18	ng		-0.01
44) 2-Fluorobiphenyl	9.08	172	2110491	93.12	ng		-0.01
78) Terphenyl-d14	12.82	244	2006413	104.72	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	278039	52.81	ng	#	77
3) Pyridine	2.88	79	772509	55.07	ng	#	73
4) n-Nitrosodimethylamine	2.84	42	380213	55.44	ng	#	84
6) Aniline	6.38	93	942852	54.27	ng	#	44
8) 2-Chlorophenol	6.50	128	662528	52.90	ng		88
9) Benzaldehyde	6.26	77	446577	56.98	ng		99
10) Phenol	6.38	94	943412	62.54	ng		86
11) bis(2-Chloroethyl)ether	6.46	93	714483	60.90	ng		92
12) 1,3-Dichlorobenzene	6.66	146	735784	54.83	ng		97
13) 1,4-Dichlorobenzene	6.73	146	715401	54.32	ng		96
14) 1,2-Dichlorobenzene	6.89	146	695693	57.37	ng		97
15) Benzyl Alcohol	6.86	79	522298	56.70	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.00	45	1098525	54.71	ng		93
17) 2-Methylphenol	6.99	107	526604	54.24	ng	#	91
18) Hexachloroethane	7.23	117	298634	57.96	ng	#	89
19) n-Nitroso-di-n-propylamine	7.15	70	493049	59.64	ng	#	79
20) 3+4-Methylphenols	7.15	107	705792	59.90	ng		89
22) Acetophenone	7.14	105	1030932	57.40	ng		98
24) Nitrobenzene	7.31	77	829333	63.41	ng		98
25) Isophorone	7.55	82	1345095	58.35	ng		98
26) 2-Nitrophenol	7.62	139	355682	57.19	ng	#	78
27) 2,4-Dimethylphenol	7.68	122	674582	61.90	ng		92
28) bis(2-Chloroethoxy)methane	7.77	93	853374	61.68	ng		97
29) 2,4-Dichlorophenol	7.87	162	570709	59.87	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	620690	56.94	ng	#	93
31) Naphthalene	8.03	128	1941477	55.93	ng		100
32) Benzoic acid	7.82	122	436215	52.14	ng		91
33) 4-Chloroaniline	8.08	127	797280	56.47	ng		97
34) Hexachlorobutadiene	8.14	225	345512	53.63	ng		99
35) Caprolactam	8.48	113	174926	63.95	ng	#	48
36) 4-Chloro-3-methylphenol	8.58	107	687853	65.54	ng		99
37) 2-Methylnaphthalene	8.72	142	1222611	57.37	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	604366	55.32	ng		99
40) Hexachlorocyclopentadiene	8.86	237	246163	49.56	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	403151	59.41	ng		95
43) 2,4,5-Trichlorophenol	9.05	196	397001	56.66	ng		96
45) 1,1'-Biphenyl	9.18	154	1641699	53.17	ng		99
46) 2-Chloronaphthalene	9.21	162	1239372	55.02	ng		91
47) 2-Nitroaniline	9.31	65	432436	63.92	ng	#	74
48) Acenaphthylene	9.62	152	1836162	53.80	ng		96
49) Dimethylphthalate	9.49	163	1323197	52.34	ng	#	90
50) 2,6-Dinitrotoluene	9.55	165	283586	50.98	ng	#	53
51) Acenaphthene	9.79	154	1161371	50.82	ng		98
52) 3-Nitroaniline	9.72	138	372999	64.17	ng		90
53) 2,4-Dinitrophenol	9.82	184	144983	52.82	ng	#	86
54) Dibenzofuran	9.96	168	1484124	54.41	ng		94
55) 4-Nitrophenol	9.89	139	241516	56.57	ng	#	80
56) 2,4-Dinitrotoluene	9.95	165	359579	49.76	ng	#	76
57) Fluorene	10.30	166	1280850	55.40	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	309391	58.40	ng		89
59) Diethylphthalate	10.19	149	1413568	57.11	ng		98
60) 4-Chlorophenyl-phenylether	10.29	204	533275	51.38	ng		89
61) 4-Nitroaniline	10.34	138	379140	68.91	ng		87
62) Azobenzene	10.45	77	1263964	53.36	ng		88
64) 4,6-Dinitro-2-methylphenol	10.36	198	219741	56.49	ng	#	77
65) n-Nitrosodiphenylamine	10.42	169	1012909	52.45	ng		98
66) 4-Bromophenyl-phenylether	10.78	248	380673	56.75	ng	#	84
67) Hexachlorobenzene	10.85	284	420025	57.57	ng	#	83
68) Atrazine	10.96	200	388043	67.07	ng		95
69) Pentachlorophenol	11.05	266	224749	63.76	ng		99
70) Phenanthrene	11.26	178	1890158	57.39	ng		98
71) Anthracene	11.31	178	1812598	54.13	ng		98
72) Carbazole	11.47	167	1615975	56.00	ng		98
73) Di-n-butylphthalate	11.80	149	2048205	58.36	ng	#	96
74) Fluoranthene	12.44	202	1854530	56.96	ng		98
76) Benzidine	12.57	184	807316	49.05	ng		97
77) Pyrene	12.67	202	1953357	59.85	ng		97
79) Butylbenzylphthalate	13.30	149	919621	65.96	ng		97
80) Benzo(a)anthracene	13.86	228	1551172	57.50	ng		100
81) 3,3'-Dichlorobenzidine	13.83	252	571271	60.19	ng	#	96
82) Chrysene	13.89	228	1479252	55.63	ng		98
83) Bis(2-ethylhexyl)phthalate	13.86	149	1074855	59.43	ng		97
84) Di-n-octyl phthalate	14.48	149	1875211	65.62	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.56	276	1292689	54.99	ng		99
87) Benzo(b)fluoranthene	14.87	252	1334875m	55.86	ng		
88) Benzo(k)fluoranthene	14.89	252	1183390m	59.95	ng		
89) Benzo(a)pyrene	15.20	252	1232190	59.61	ng		98
90) Dibenzo(a,h)anthracene	16.57	278	1061775	57.00	ng		100
91) Benzo(g,h,i)perylene	16.96	276	1103334	58.66	ng		96

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

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