Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021717\
Data File : BG025853.D
Acq On : 17 Feb 2017 11:03
Operator : SJ/MA
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 17 15:45:14 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 13:45:19 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	111357	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	534354	20.00	ng		0.00
38) Acenaphthene-d10	14.69	164	381640	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	843076	20.00	ng		0.00
75) Chrysene-d12	21.67	240	864814	20.00	ng		0.00
86) Perylene-d12	24.89	264	845074	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	30863	4.97	ng		0.00
7) Phenol-d6	7.23	99	45362	5.00	ng		0.00
23) Nitrobenzene-d5	9.24	82	37947	3.00	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	16665	3.06	ng		0.00
44) 2-Fluorobiphenyl	13.32	172	120016	5.11	ng		0.00
78) Terphenyl-d14	20.01	244	207837	5.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	7762	2.76	ng	#	87
3) Pyridine	3.96	79	20312m	2.66	ng		
6) Aniline	7.40	93	31675	2.48	ng		91
8) 2-Chlorophenol	7.65	128	18357	2.60	ng		87
9) Benzaldehyde	7.22	77	16578	2.15	ng		90
10) Phenol	7.26	94	24154	2.37	ng	#	73
11) bis(2-Chloroethyl)ether	7.50	93	21014	2.61	ng	#	82
12) 1,3-Dichlorobenzene	7.98	146	23424	2.72	ng	#	87
13) 1,4-Dichlorobenzene	8.13	146	22777m	2.60	ng		
14) 1,2-Dichlorobenzene	8.45	146	22987	2.74	ng	#	90
17) 2-Methylphenol	8.51	107	16286	2.34	ng	#	77
18) Hexachloroethane	9.18	117	7439	2.08	ng	#	81
20) 3+4-Methylphenols	8.84	107	23117	2.43	ng		88
22) Acetophenone	8.90	105	30471	2.08	ng	#	82
27) 2,4-Dimethylphenol	10.05	122	18337	2.15	ng		86
28) bis(2-Chloroethoxy)methane	10.28	93	29344	2.25	ng		97
30) 1,2,4-Trichlorobenzene	10.75	180	21767	2.14	ng		96
31) Naphthalene	10.94	128	71443	2.58	ng	#	94
33) 4-Chloroaniline	11.04	127	28435	2.47	ng	#	86
37) 2-Methylnaphthalene	12.53	142	52609	2.46	ng	#	89
40) Hexachlorocyclopentadiene	12.89	237	12140	3.26	ng		92
45) 1,1'-Biphenyl	13.53	154	72011	2.71	ng		98
46) 2-Chloronaphthalene	13.57	162	51732	2.48	ng		97
48) Acenaphthylene	14.41	152	88528	2.55	ng		93
49) Dimethylphthalate	14.13	163	66778	2.32	ng	#	95
51) Acenaphthene	14.75	154	59116	2.76	ng		99
52) 3-Nitroaniline	14.57	138	13392	2.18	ng		80
54) Dibenzofuran	15.08	168	83737	2.59	ng	#	89
55) 4-Nitrophenol	14.87	139	10484	2.55	ng	#	45
57) Fluorene	15.73	166	75343	2.62	ng		97
59) Diethylphthalate	15.49	149	69293	2.27	ng		97
60) 4-Chlorophenyl-phenylether	15.72	204	34518	2.21	ng		97
61) 4-Nitroaniline	15.72	138	14830	2.41	ng	#	57
65) n-Nitrosodiphenylamine	15.93	169	62478	2.58	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
66) 4-Bromophenyl-phenylether	16.61	248	21605	2.11	ng		93
67) Hexachlorobenzene	16.73	284	23589	2.05	ng		94
69) Pentachlorophenol	17.06	266	11175	2.21	ng	#	88
70) Phenanthrene	17.46	178	122596	2.68	ng		92
71) Anthracene	17.55	178	120310	2.55	ng		96
72) Carbazole	17.81	167	123951	2.71	ng	#	92
73) Di-n-butylphthalate	18.37	149	106839	2.02	ng	#	94
74) Fluoranthene	19.46	202	137021	2.18	ng		94
76) Benzidine	19.63	184	60817	2.05	ng		97
77) Pyrene	19.82	202	146479	3.04	ng		95
79) Butylbenzylphthalate	20.71	149	42992	2.15	ng	#	83
80) Benzo(a)anthracene	21.65	228	132124m	2.58	ng		
81) 3,3'-Dichlorobenzidine	21.56	252	42369	2.11	ng		93
82) Chrysene	21.72	228	130887	2.70	ng		93
83) Bis(2-ethylhexyl)phthalate	21.57	149	62691	2.25	ng	#	96
84) Di-n-octyl phthalate	22.78	149	95259	2.11	ng	#	90
85) Indeno(1,2,3-cd)pyrene	28.53	276	131890	2.23	ng	#	94
87) Benzo(b)fluoranthene	23.86	252	122267	2.50	ng	#	98
88) Benzo(k)fluoranthene	23.93	252	123155	2.58	ng	#	90
89) Benzo(a)pyrene	24.72	252	116333	2.50	ng	#	97
90) Dibenzo(a,h)anthracene	28.59	278	116620	2.43	ng	#	94
91) Benzo(g,h,i)perylene	29.66	276	116674	2.44	ng	#	88

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

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