Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010515\
Data File : BG015840.D
Acq On : 5 Jan 2015 13:17
Operator : TP/IZ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDICC025

Manual Integrations APPROVED
TEJASKUMAR
1/6/2015 6:24:42 PM

Quant Time: Jan 06 03:29:55 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 06 02:59:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	25001	20.00	ng		-0.01
21) Naphthalene-d8	10.51	136	90159	20.00	ng		0.00
38) Acenaphthene-d10	14.37	164	71975	20.00	ng		0.00
63) Phenanthrene-d10	17.11	188	178974	20.00	ng		0.00
75) Chrysene-d12	21.30	240	279335	20.00	ng		0.00
86) Perylene-d12	23.57	264	266531	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	75469	25.28	ng		0.00
7) Phenol-d6	6.91	99	103508	25.94	ng		0.00
23) Nitrobenzene-d5	8.88	82	123806	33.15	ng		0.00
41) 2,4,6-Tribromophenol	15.86	330	69699	39.85	ng		0.00
44) 2-Fluorobiphenyl	12.99	172	248761	28.17	ng		0.00
78) Terphenyl-d14	19.74	244	667377	30.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	16217	25.11	ng		92
3) Pyridine	3.64	79	46823	25.70	ng		91
4) n-Nitrosodimethylamine	3.56	42	19750	22.19	ng	#	77
6) Aniline	7.06	93	71325	27.08	ng	#	95
8) 2-Chlorophenol	7.29	128	36634	22.54	ng		94
9) Benzaldehyde	6.87	77	39416	35.14	ng		87
10) Phenol	6.94	94	56017	26.51	ng		95
11) bis(2-Chloroethyl)ether	7.15	93	40524	26.06	ng		93
12) 1,3-Dichlorobenzene	7.62	146	45219m	24.80	ng		
13) 1,4-Dichlorobenzene	7.76	146	46564	24.34	ng		98
14) 1,2-Dichlorobenzene	8.08	146	45192	24.96	ng		95
15) Benzyl Alcohol	7.97	79	50500	29.36	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.26	45	25513	20.73	ng		90
17) 2-Methylphenol	8.18	107	39158	27.59	ng		96
18) Hexachloroethane	8.80	117	21438	29.92	ng		89
19) n-Nitroso-di-n-propylamine	8.53	70	39711	28.25	ng		91
20) 3+4-Methylphenols	8.50	107	50108	26.36	ng		92
22) Acetophenone	8.55	105	69508	29.64	ng	#	95
24) Nitrobenzene	8.93	77	60724	29.81	ng		100
25) Isophorone	9.45	82	107663	30.18	ng		96
26) 2-Nitrophenol	9.63	139	22760	27.63	ng		97
27) 2,4-Dimethylphenol	9.69	122	40649	29.15	ng		86
28) bis(2-Chloroethoxy)methane	9.93	93	52550	29.31	ng		95
29) 2,4-Dichlorophenol	10.16	162	38618	27.34	ng		96
30) 1,2,4-Trichlorobenzene	10.38	180	53175	31.58	ng		86
31) Naphthalene	10.56	128	122417	26.27	ng		97
32) Benzoic acid	9.80	122	15592	20.10	ng	#	84
33) 4-Chloroaniline	10.68	127	52048	25.90	ng		97
34) Hexachlorobutadiene	10.85	225	47229	39.00	ng		97
35) Caprolactam	11.44	113	18041	30.10	ng	#	81
36) 4-Chloro-3-methylphenol	11.81	107	53255	32.64	ng		92
37) 2-Methylnaphthalene	12.18	142	93552	28.63	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.55	216	65855	31.01	ng		99
40) Hexachlorocyclopentadiene	12.53	237	45207	33.58	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.79	196	41140	30.55	ng		97
43) 2,4,5-Trichlorophenol	12.87	196	46136	30.69	ng	#	94
45) 1,1'-Biphenyl	13.20	154	127385	26.20	ng		99
46) 2-Chloronaphthalene	13.24	162	100244	25.61	ng		95
47) 2-Nitroaniline	13.45	65	33401	25.72	ng		97
48) Acenaphthylene	14.09	152	176352	28.05	ng		94
49) Dimethylphthalate	13.83	163	129356	24.49	ng	#	96
50) 2,6-Dinitrotoluene	13.95	165	30827	25.76	ng		92
51) Acenaphthene	14.43	154	101092	24.95	ng		94
52) 3-Nitroaniline	14.27	138	26364	21.90	ng	#	80
53) 2,4-Dinitrophenol	14.49	184	13789	22.31	ng		93
54) Dibenzofuran	14.77	168	162289	27.13	ng		95
55) 4-Nitrophenol	14.59	139	22536	23.98	ng	#	82
56) 2,4-Dinitrotoluene	14.74	165	44306	26.56	ng		97
57) Fluorene	15.42	166	133759	25.88	ng		91
58) 2,3,4,6-Tetrachlorophenol	15.00	232	50681	34.98	ng		99
59) Diethylphthalate	15.19	149	143258	26.65	ng		97
60) 4-Chlorophenyl-phenylether	15.41	204	90383	33.19	ng		98
61) 4-Nitroaniline	15.44	138	34120	24.10	ng		97
62) Azobenzene	15.70	77	161860	30.82	ng		98
64) 4,6-Dinitro-2-methylphenol	15.50	198	28807	24.82	ng		99
65) n-Nitrosodiphenylamine	15.63	169	129433	24.03	ng		93
66) 4-Bromophenyl-phenylether	16.31	248	61710	29.08	ng		92
67) Hexachlorobenzene	16.42	284	68798	30.63	ng		95
68) Atrazine	16.58	200	60842	31.68	ng		98
69) Pentachlorophenol	16.77	266	40693	30.96	ng		92
70) Phenanthrene	17.15	178	239412	24.51	ng		99
71) Anthracene	17.25	178	244803	24.98	ng		99
72) Carbazole	17.52	167	236250	25.02	ng		99
73) Di-n-butylphthalate	18.08	149	284321	24.93	ng		98
74) Fluoranthene	19.18	202	374742	30.50	ng		99
76) Benzidine	19.36	184	185470	28.33	ng		96
77) Pyrene	19.54	202	386796	27.24	ng		100
79) Butylbenzylphthalate	20.44	149	146444	23.89	ng		93
80) Benzo(a)anthracene	21.28	228	429013	28.37	ng		100
81) 3,3'-Dichlorobenzidine	21.22	252	153522	26.81	ng	#	92
82) Chrysene	21.34	228	392119	28.07	ng		98
83) Bis(2-ethylhexyl)phthalate	21.21	149	203399	23.15	ng	#	95
84) Di-n-octyl phthalate	22.10	149	336273	23.24	ng		99
85) Indeno(1,2,3-cd)pyrene	25.88	276	454130	28.86	ng		99
87) Benzo(b)fluoranthene	22.88	252	429824	27.55	ng		97
88) Benzo(k)fluoranthene	22.93	252	398636m	26.02	ng		
89) Benzo(a)pyrene	23.47	252	378286	26.11	ng	#	98
90) Dibenzo(a,h)anthracene	25.90	278	371857	26.82	ng		100
91) Benzo(g,h,i)perylene	26.60	276	370013	26.71	ng		98

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

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