Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051415\
Data File : BG017153.D
Acq On : 14 May 2015 22:27
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
apatel
5/15/2015 11:31:32 AM

Quant Time: May 15 05:54:49 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 16:12:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	48982	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	227216	20.00	ng		0.00
38) Acenaphthene-d10	14.36	164	149554	20.00	ng		0.00
63) Phenanthrene-d10	17.11	188	336826	20.00	ng		0.00
75) Chrysene-d12	21.30	240	338391	20.00	ng		0.00
86) Perylene-d12	23.56	264	333339	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	226514	82.05	ng		0.00
7) Phenol-d6	6.91	99	335688	86.65	ng		0.00
23) Nitrobenzene-d5	8.87	82	406262	83.48	ng		0.00
41) 2,4,6-Tribromophenol	15.85	330	141280	78.15	ng		0.00
44) 2-Fluorobiphenyl	12.98	172	812795	79.75	ng		0.00
78) Terphenyl-d14	19.74	244	1303463	80.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	46896	43.05	ng		95
3) Pyridine	3.57	79	148105	44.94	ng		96
4) n-Nitrosodimethylamine	3.49	42	96159	38.45	ng	#	93
6) Aniline	7.04	93	225070	41.99	ng		97
8) 2-Chlorophenol	7.28	128	132536	40.13	ng		94
9) Benzaldehyde	6.85	77	103647	42.13	ng		95
10) Phenol	6.93	94	178742	43.50	ng		96
11) bis(2-Chloroethyl)ether	7.14	93	138565	44.98	ng		97
12) 1,3-Dichlorobenzene	7.59	146	145465	39.44	ng		98
13) 1,4-Dichlorobenzene	7.74	146	147349	39.57	ng		96
14) 1,2-Dichlorobenzene	8.06	146	139064	39.10	ng		99
15) Benzyl Alcohol	7.95	79	152866	40.61	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.25	45	229489	45.94	ng		98
17) 2-Methylphenol	8.17	107	125839	42.24	ng		93
18) Hexachloroethane	8.78	117	61567	39.59	ng		88
19) n-Nitroso-di-n-propylamine	8.52	70	142695	42.27	ng		94
20) 3+4-Methylphenols	8.50	107	176005	42.51	ng		94
22) Acetophenone	8.53	105	221926	40.24	ng	#	96
24) Nitrobenzene	8.91	77	193549	40.65	ng		98
25) Isophorone	9.43	82	379546	42.31	ng		98
26) 2-Nitrophenol	9.62	139	86715	40.74	ng		88
27) 2,4-Dimethylphenol	9.69	122	145221	41.45	ng		98
28) bis(2-Chloroethoxy)methane	9.92	93	188810	43.23	ng		96
29) 2,4-Dichlorophenol	10.17	162	138836	42.01	ng		99
30) 1,2,4-Trichlorobenzene	10.37	180	137528	36.68	ng		96
31) Naphthalene	10.55	128	453651	40.80	ng		97
32) Benzoic acid	9.85	122	91681	38.61	ng	#	82
33) 4-Chloroaniline	10.67	127	219906	41.82	ng	#	94
34) Hexachlorobutadiene	10.84	225	89302	37.62	ng		99
35) Caprolactam	11.44	113	69609	41.89	ng	#	89
36) 4-Chloro-3-methylphenol	11.82	107	178092	42.65	ng		96
37) 2-Methylnaphthalene	12.17	142	353494	40.09	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.54	216	164649	38.91	ng		100
40) Hexachlorocyclopentadiene	12.52	237	93714	36.31	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.79	196	121551	40.50	ng		98
43) 2,4,5-Trichlorophenol	12.88	196	125504	40.58	ng		94
45) 1,1'-Biphenyl	13.19	154	430216	39.94	ng		98
46) 2-Chloronaphthalene	13.23	162	340846	39.96	ng		98
47) 2-Nitroaniline	13.45	65	147840	44.55	ng		93
48) Acenaphthylene	14.08	152	604946	41.41	ng		100
49) Dimethylphthalate	13.83	163	471006	40.28	ng		98
50) 2,6-Dinitrotoluene	13.95	165	107292	41.40	ng		93
51) Acenaphthene	14.43	154	347916	40.32	ng		98
52) 3-Nitroaniline	14.28	138	121428	42.24	ng	#	93
53) 2,4-Dinitrophenol	14.48	184	58682	39.00	ng		99
54) Dibenzofuran	14.76	168	524249	40.87	ng		97
55) 4-Nitrophenol	14.63	139	100783	43.53	ng		92
56) 2,4-Dinitrotoluene	14.73	165	151678	41.96	ng		93
57) Fluorene	15.41	166	463118	40.79	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.00	232	108782	38.33	ng		96
59) Diethylphthalate	15.19	149	498109	39.66	ng		99
60) 4-Chlorophenyl-phenylether	15.41	204	228373	39.16	ng		99
61) 4-Nitroaniline	15.44	138	143102	44.61	ng		92
62) Azobenzene	15.70	77	515272	42.94	ng		94
64) 4,6-Dinitro-2-methylphenol	15.50	198	91908	39.81	ng		96
65) n-Nitrosodiphenylamine	15.63	169	419150	40.53	ng		98
66) 4-Bromophenyl-phenylether	16.30	248	142067	38.67	ng		96
67) Hexachlorobenzene	16.41	284	154176	39.77	ng		99
68) Atrazine	16.58	200	148187	39.18	ng		96
69) Pentachlorophenol	16.77	266	90239	37.29	ng		95
70) Phenanthrene	17.15	178	710425	40.90	ng		97
71) Anthracene	17.24	178	726280	41.26	ng		98
72) Carbazole	17.52	167	678293	41.93	ng		99
73) Di-n-butylphthalate	18.08	149	915706	42.31	ng		99
74) Fluoranthene	19.17	202	848382	40.67	ng		95
76) Benzidine	19.36	184	420615	38.07	ng		97
77) Pyrene	19.54	202	858677	41.36	ng		99
79) Butylbenzylphthalate	20.44	149	404447	42.85	ng		98
80) Benzo(a)anthracene	21.28	228	785691	40.52	ng		97
81) 3,3'-Dichlorobenzidine	21.22	252	299282	39.88	ng		99
82) Chrysene	21.33	228	741902	41.07	ng		99
83) Bis(2-ethylhexyl)phthalate	21.21	149	550504	41.03	ng		98
84) Di-n-octyl phthalate	22.09	149	932231	41.74	ng		99
85) Indeno(1,2,3-cd)pyrene	25.88	276	881852	40.80	ng	#	96
87) Benzo(b)fluoranthene	22.88	252	787075m	40.51	ng		
88) Benzo(k)fluoranthene	22.92	252	742490	40.25	ng		99
89) Benzo(a)pyrene	23.46	252	732634	41.06	ng		99
90) Dibenzo(a,h)anthracene	25.90	278	746845	40.77	ng	#	96
91) Benzo(g,h,i)perylene	26.60	276	702371	40.73	ng	#	93

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

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