Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
Data File : BG027209.D
Acq On : 5 Jun 2017 12:41
Operator : SJ/MA
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
6/6/2017 5:13:44 PM

Quant Time: Jun 05 14:07:23 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 14:01:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.58	152	58960	20.00	ng		0.00
21) Naphthalene-d8	11.40	136	285742	20.00	ng		0.00
38) Acenaphthene-d10	15.16	164	180744	20.00	ng		0.00
63) Phenanthrene-d10	17.92	188	395818	20.00	ng		0.00
75) Chrysene-d12	22.31	240	427715	20.00	ng		0.00
86) Perylene-d12	26.02	264	397293	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.16	112	313536	94.39	ng		0.00
7) Phenol-d6	7.70	99	468486	105.05	ng		0.00
23) Nitrobenzene-d5	9.74	82	372616	78.41	ng		0.00
41) 2,4,6-Tribromophenol	16.65	330	200749	96.99	ng		0.00
44) 2-Fluorobiphenyl	13.79	172	1052878	81.69	ng		0.00
78) Terphenyl-d14	20.49	244	1304101	74.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.17	88	62793	42.11	ng	#	78
3) Pyridine	4.56	79	197953	48.48	ng	#	75
4) n-Nitrosodimethylamine	4.46	42	73378	65.75	ng	#	47
6) Aniline	7.90	93	294274	49.40	ng	#	90
8) 2-Chlorophenol	8.14	128	166015	44.38	ng		86
9) Benzaldehyde	7.72	77	160341	53.26	ng		83
10) Phenol	7.73	94	237331	49.87	ng		75
11) bis(2-Chloroethyl)ether	7.99	93	194528	49.85	ng	#	83
12) 1,3-Dichlorobenzene	8.47	146	184156	41.36	ng	#	91
13) 1,4-Dichlorobenzene	8.61	146	189011	41.96	ng		94
14) 1,2-Dichlorobenzene	8.94	146	182688	42.38	ng		93
15) Benzyl Alcohol	8.80	79	166433	56.92	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	9.09	45	274516	63.34	ng		90
17) 2-Methylphenol	8.99	107	167570	49.58	ng	#	86
18) Hexachloroethane	9.67	117	64601	43.86	ng		88
19) n-Nitroso-di-n-propylamine	9.37	70	165203	57.62	ng	#	84
20) 3+4-Methylphenols	9.32	107	235208	50.55	ng		90
22) Acetophenone	9.40	105	298199	45.38	ng	#	84
24) Nitrobenzene	9.78	77	212399	45.27	ng	#	85
25) Isophorone	10.31	82	439539	49.07	ng	#	96
26) 2-Nitrophenol	10.50	139	76522	31.34	ng	#	72
27) 2,4-Dimethylphenol	10.53	122	191968	47.90	ng		91
28) bis(2-Chloroethoxy)methane	10.78	93	281987	48.46	ng		99
29) 2,4-Dichlorophenol	11.03	162	176967	43.66	ng		96
30) 1,2,4-Trichlorobenzene	11.25	180	189394	41.60	ng		97
31) Naphthalene	11.45	128	625319	43.28	ng		100
32) Benzoic acid	10.65	122	116795	37.87	ng	#	82
33) 4-Chloroaniline	11.55	127	266236	45.31	ng	#	88
34) Hexachlorobutadiene	11.73	225	116175	43.25	ng		97
35) Caprolactam	12.33	113	62072	38.87	ng	#	74
36) 4-Chloro-3-methylphenol	12.62	107	217116	50.08	ng		92
37) 2-Methylnaphthalene	13.01	142	460448m	43.51	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.37	216	231390	42.55	ng		98
40) Hexachlorocyclopentadiene	13.35	237	122838	42.91	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.60	196	144385	40.55	ng		98
43) 2,4,5-Trichlorophenol	13.67	196	160047	40.67	ng	#	93
45) 1,1'-Biphenyl	14.00	154	599671	40.06	ng		97
46) 2-Chloronaphthalene	14.05	162	452819	41.42	ng		99
47) 2-Nitroaniline	14.24	65	117798	37.89	ng	#	80
48) Acenaphthylene	14.89	152	771960	40.51	ng		98
49) Dimethylphthalate	14.61	163	581284	42.61	ng		98
50) 2,6-Dinitrotoluene	14.72	165	110438	34.68	ng	#	76
51) Acenaphthene	15.23	154	495260	42.20	ng		99
52) 3-Nitroaniline	15.05	138	115552	32.96	ng		88
53) 2,4-Dinitrophenol	15.25	184	41621	22.53	ng	#	72
54) Dibenzofuran	15.56	168	686392	41.54	ng		92
55) 4-Nitrophenol	15.33	139	95528	33.27	ng	#	56
56) 2,4-Dinitrotoluene	15.51	165	136645	30.51	ng	#	87
57) Fluorene	16.21	166	608481	41.38	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.78	232	144705	42.16	ng		98
59) Diethylphthalate	15.96	149	575087	41.24	ng		98
60) 4-Chlorophenyl-phenylether	16.19	204	305130	43.79	ng		95
61) 4-Nitroaniline	16.22	138	115757	31.21	ng	#	64
62) Azobenzene	16.49	77	541756	47.79	ng		89
64) 4,6-Dinitro-2-methylphenol	16.27	198	64309	25.77	ng		92
65) n-Nitrosodiphenylamine	16.41	169	520816	44.83	ng		98
66) 4-Bromophenyl-phenylether	17.09	248	196175	48.15	ng		98
67) Hexachlorobenzene	17.21	284	206303	47.47	ng		91
68) Atrazine	17.35	200	172469	39.22	ng		98
69) Pentachlorophenol	17.55	266	119434	42.27	ng		98
70) Phenanthrene	17.96	178	891992	41.97	ng		96
71) Anthracene	18.05	178	908768	41.91	ng		98
72) Carbazole	18.31	167	846510	37.91	ng		96
73) Di-n-butylphthalate	18.84	149	833228	36.32	ng	#	94
74) Fluoranthene	19.95	202	948288	37.94	ng		95
76) Benzidine	20.11	184	521080	35.33	ng		98
77) Pyrene	20.31	202	978588	39.51	ng		97
79) Butylbenzylphthalate	21.21	149	373130	37.65	ng		91
80) Benzo(a)anthracene	22.29	228	981527	40.78	ng		96
81) 3,3'-Dichlorobenzidine	22.18	252	392272	39.81	ng	#	96
82) Chrysene	22.36	228	934367	40.63	ng		97
83) Bis(2-ethylhexyl)phthalate	22.16	149	552377	36.91	ng		99
84) Di-n-octyl phthalate	23.56	149	925964	36.25	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.31	276	1135038	39.98	ng	#	93
87) Benzo(b)fluoranthene	24.84	252	995434	42.50	ng	#	96
88) Benzo(k)fluoranthene	24.92	252	1004986	44.25	ng	#	94
89) Benzo(a)pyrene	25.85	252	938238	41.77	ng	#	94
90) Dibenzo(a,h)anthracene	30.39	278	993414	43.76	ng	#	94
91) Benzo(g,h,i)perylene	31.66	276	955111	41.75	ng	#	91

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

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