Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021218\
Data File : BG032649.D
Acq On : 12 Feb 2018 14:35
Operator : SJ/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
2/14/2018 10:36:20 AM

Quant Time: Feb 12 16:11:13 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 15:32:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	32532	20.00	ng		0.00
21) Naphthalene-d8	11.55	136	146298	20.00	ng		0.00
38) Acenaphthene-d10	15.31	164	102660	20.00	ng		0.00
63) Phenanthrene-d10	18.05	188	253124	20.00	ng		0.00
75) Chrysene-d12	22.37	240	308410	20.00	ng		0.00
86) Perylene-d12	26.02	264	332063	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.11	112	133349	82.33	ng		0.00
7) Phenol-d6	7.79	99	186665	86.37	ng		0.00
23) Nitrobenzene-d5	9.87	82	192484	82.18	ng		0.00
41) 2,4,6-Tribromophenol	16.79	330	128553	65.79	ng		0.00
44) 2-Fluorobiphenyl	13.93	172	661652	76.60	ng		0.00
78) Terphenyl-d14	20.59	244	1080841	75.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.79	88	27244	49.99	ng	#	79
3) Pyridine	4.24	79	71391	48.52	ng		89
4) n-Nitrosodimethylamine	4.15	42	34560	45.12	ng	#	66
6) Aniline	7.97	93	112141	41.61	ng		99
8) 2-Chlorophenol	8.22	128	84132	43.94	ng		86
9) Benzaldehyde	7.78	77	55042m	49.31	ng		
10) Phenol	7.82	94	90906	44.29	ng		88
11) bis(2-Chloroethyl)ether	8.06	93	76480	48.90	ng		86
12) 1,3-Dichlorobenzene	8.56	146	108480	41.90	ng		98
13) 1,4-Dichlorobenzene	8.71	146	107481	41.42	ng		94
14) 1,2-Dichlorobenzene	9.04	146	109609	43.12	ng		99
15) Benzyl Alcohol	8.92	79	71498	40.14	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.20	45	78591	53.03	ng		74
17) 2-Methylphenol	9.12	107	62630m	37.57	ng		
18) Hexachloroethane	9.79	117	40502	46.49	ng	#	86
19) n-Nitroso-di-n-propylamine	9.49	70	62637	43.71	ng	#	94
20) 3+4-Methylphenols	9.45	107	99351	42.49	ng		93
22) Acetophenone	9.52	105	128148	37.37	ng	#	96
24) Nitrobenzene	9.92	77	90447	39.93	ng		91
25) Isophorone	10.43	82	172879	43.35	ng	#	88
26) 2-Nitrophenol	10.64	139	50470	36.86	ng	#	83
27) 2,4-Dimethylphenol	10.68	122	72100	36.69	ng		95
28) bis(2-Chloroethoxy)methane	10.91	93	87228	39.88	ng	#	94
29) 2,4-Dichlorophenol	11.18	162	96638	37.12	ng		91
30) 1,2,4-Trichlorobenzene	11.40	180	136771	39.42	ng		97
31) Naphthalene	11.60	128	279317	39.09	ng		99
32) Benzoic acid	10.81	122	50798	38.35	ng	#	70
33) 4-Chloroaniline	11.70	127	109497	34.36	ng	#	94
34) Hexachlorobutadiene	11.87	225	110541	40.95	ng		98
35) Caprolactam	12.45	113	27660	37.01	ng	#	55
36) 4-Chloro-3-methylphenol	12.78	107	92256	37.36	ng	#	90
37) 2-Methylnaphthalene	13.16	142	225270	37.53	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.52	216	198878	41.41	ng	#	95
40) Hexachlorocyclopentadiene	13.49	237	124752	41.57	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.75	196	97933	37.49	ng		99
43) 2,4,5-Trichlorophenol	13.83	196	129274m	42.45	ng		
45) 1,1'-Biphenyl	14.15	154	341925	39.42	ng		94
46) 2-Chloronaphthalene	14.20	162	270164	39.74	ng		97
47) 2-Nitroaniline	14.40	65	60714	40.39	ng		87
48) Acenaphthylene	15.04	152	392726	38.21	ng		98
49) Dimethylphthalate	14.74	163	357332	37.75	ng	#	99
50) 2,6-Dinitrotoluene	14.87	165	74110	37.30	ng	#	83
51) Acenaphthene	15.37	154	271257	38.06	ng		99
52) 3-Nitroaniline	15.22	138	64113	36.95	ng	#	71
53) 2,4-Dinitrophenol	15.41	184	29711	26.65	ng	#	67
54) Dibenzofuran	15.70	168	399406	37.86	ng		100
55) 4-Nitrophenol	15.50	139	43420	33.42	ng	#	73
56) 2,4-Dinitrotoluene	15.65	165	104398	36.91	ng	#	77
57) Fluorene	16.35	166	323788	36.94	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.92	232	112901	37.59	ng	#	86
59) Diethylphthalate	16.08	149	345331	37.46	ng		96
60) 4-Chlorophenyl-phenylether	16.33	204	218294	39.49	ng		94
61) 4-Nitroaniline	16.37	138	67811	36.46	ng	#	79
62) Azobenzene	16.62	77	225202	40.88	ng		85
64) 4,6-Dinitro-2-methylphenol	16.41	198	69348	36.67	ng	#	74
65) n-Nitrosodiphenylamine	16.54	169	306126	40.52	ng		95
66) 4-Bromophenyl-phenylether	17.22	248	146706	39.12	ng		92
67) Hexachlorobenzene	17.35	284	157626	37.98	ng	#	89
68) Atrazine	17.47	200	129879	40.05	ng		94
69) Pentachlorophenol	17.69	266	94576	36.38	ng		97
70) Phenanthrene	18.09	178	547184	38.76	ng		99
71) Anthracene	18.18	178	568287	40.43	ng		97
72) Carbazole	18.44	167	485893	39.13	ng		99
73) Di-n-butylphthalate	18.95	149	548742	39.91	ng		99
74) Fluoranthene	20.06	202	732561	39.57	ng		94
76) Benzidine	20.22	184	300009	49.54	ng		98
77) Pyrene	20.42	202	745398	39.41	ng		98
79) Butylbenzylphthalate	21.27	149	248317	41.62	ng	#	76
80) Benzo(a)anthracene	22.35	228	780699	40.83	ng		97
81) 3,3'-Dichlorobenzidine	22.24	252	304755	41.14	ng	#	97
82) Chrysene	22.42	228	764203	41.39	ng		99
83) Bis(2-ethylhexyl)phthalate	22.19	149	354293	41.88	ng	#	99
84) Di-n-octyl phthalate	23.55	149	564818	42.09	ng	#	90
85) Indeno(1,2,3-cd)pyrene	30.24	276	921025	39.43	ng	#	87
87) Benzo(b)fluoranthene	24.85	252	800096	39.88	ng	#	96
88) Benzo(k)fluoranthene	24.92	252	810937	40.80	ng	#	95
89) Benzo(a)pyrene	25.84	252	769134	40.21	ng	#	95
90) Dibenzo(a,h)anthracene	30.32	278	772158	39.46	ng	#	93
91) Benzo(g,h,i)perylene	31.57	276	754840	38.86	ng	#	92

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

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