Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120417\
Data File : BG031364.D
Acq On : 5 Dec 2017 2:08
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/5/2017 3:26:52 PM

Quant Time: Dec 05 10:08:52 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	56717	20.00	ng		-0.02
21) Naphthalene-d8	10.94	136	261403	20.00	ng		-0.02
38) Acenaphthene-d10	14.75	164	182692	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	468809	20.00	ng		-0.02
75) Chrysene-d12	21.77	240	494504	20.00	ng		-0.02
86) Perylene-d12	25.06	264	502059	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	255315	77.19	ng		-0.02
7) Phenol-d6	7.29	99	357718	80.28	ng		-0.01
23) Nitrobenzene-d5	9.29	82	330628	74.95	ng		-0.03
41) 2,4,6-Tribromophenol	16.24	330	196958	66.64	ng		-0.02
44) 2-Fluorobiphenyl	13.37	172	987711	77.68	ng		-0.03
78) Terphenyl-d14	20.08	244	1704130	76.09	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	54339	40.48	ng	#	79
3) Pyridine	3.95	79	156289	40.11	ng		90
4) n-Nitrosodimethylamine	3.86	42	65852	35.66	ng	#	87
6) Aniline	7.45	93	223115	38.05	ng		94
8) 2-Chlorophenol	7.69	128	143750	39.38	ng		87
9) Benzaldehyde	7.26	77	101373	32.51	ng		93
10) Phenol	7.32	94	182815	39.51	ng		88
11) bis(2-Chloroethyl)ether	7.54	93	142755	38.64	ng		87
12) 1,3-Dichlorobenzene	8.02	146	165780	38.71	ng		95
13) 1,4-Dichlorobenzene	8.16	146	170141	39.21	ng		94
14) 1,2-Dichlorobenzene	8.48	146	164050	39.39	ng		98
15) Benzyl Alcohol	8.36	79	127180	35.58	ng		87
16) 2,2'-oxybis(1-Chloropropan	8.65	45	142245m	34.85	ng		
17) 2-Methylphenol	8.58	107	125069	38.81	ng		96
18) Hexachloroethane	9.21	117	56535	37.43	ng		94
19) n-Nitroso-di-n-propylamine	8.93	70	125896	37.16	ng	#	96
20) 3+4-Methylphenols	8.90	107	178328	38.92	ng		93
22) Acetophenone	8.95	105	250171	38.44	ng	#	91
24) Nitrobenzene	9.34	77	168359	37.36	ng		89
25) Isophorone	9.86	82	314132	36.51	ng	#	92
26) 2-Nitrophenol	10.05	139	93796	39.93	ng	#	86
27) 2,4-Dimethylphenol	10.11	122	134140	38.47	ng		93
28) bis(2-Chloroethoxy)methane	10.33	93	206926	38.19	ng		95
29) 2,4-Dichlorophenol	10.60	162	168869	40.33	ng		93
30) 1,2,4-Trichlorobenzene	10.80	180	196875	39.38	ng		95
31) Naphthalene	10.99	128	497660	38.73	ng		100
32) Benzoic acid	10.27	122	94150m	34.26	ng		
33) 4-Chloroaniline	11.10	127	224601	39.93	ng		94
34) Hexachlorobutadiene	11.27	225	129179	37.26	ng		98
35) Caprolactam	11.88	113	61986	36.24	ng	#	71
36) 4-Chloro-3-methylphenol	12.22	107	177852	39.02	ng	#	87
37) 2-Methylnaphthalene	12.59	142	388134	39.13	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	286167	39.47	ng	#	96
40) Hexachlorocyclopentadiene	12.93	237	69003	32.96	ng		92

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	161202	38.89	ng		98
43) 2,4,5-Trichlorophenol	13.28	196	175404	38.68	ng	#	92
45) 1,1'-Biphenyl	13.58	154	589554	38.92	ng		97
46) 2-Chloronaphthalene	13.63	162	434641	39.76	ng		94
47) 2-Nitroaniline	13.83	65	119897	37.01	ng	#	80
48) Acenaphthylene	14.47	152	705218	39.42	ng		98
49) Dimethylphthalate	14.20	163	611398	38.71	ng		99
50) 2,6-Dinitrotoluene	14.32	165	132351	40.65	ng	#	75
51) Acenaphthene	14.82	154	441478	39.51	ng		99
52) 3-Nitroaniline	14.66	138	138204	39.98	ng	#	76
53) 2,4-Dinitrophenol	14.88	184	63128	38.53	ng	#	46
54) Dibenzofuran	15.14	168	711961	40.01	ng		99
55) 4-Nitrophenol	14.99	139	103380	41.98	ng	#	79
56) 2,4-Dinitrotoluene	15.12	165	191153	40.61	ng	#	72
57) Fluorene	15.80	166	577844	39.99	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.38	232	166227	38.46	ng	#	88
59) Diethylphthalate	15.55	149	609953	38.01	ng		97
60) 4-Chlorophenyl-phenylether	15.78	204	350448	40.16	ng		91
61) 4-Nitroaniline	15.82	138	142218	38.85	ng		87
62) Azobenzene	16.07	77	471410	38.52	ng		92
64) 4,6-Dinitro-2-methylphenol	15.88	198	116640	37.43	ng	#	74
65) n-Nitrosodiphenylamine	16.00	169	558983	39.35	ng		99
66) 4-Bromophenyl-phenylether	16.67	248	222692	37.51	ng		97
67) Hexachlorobenzene	16.80	284	232515	36.85	ng		95
68) Atrazine	16.94	200	213354	36.40	ng		96
69) Pentachlorophenol	17.15	266	137253	39.36	ng		98
70) Phenanthrene	17.53	178	950945	38.96	ng		99
71) Anthracene	17.62	178	961969	39.33	ng		99
72) Carbazole	17.89	167	883699	38.56	ng		100
73) Di-n-butylphthalate	18.43	149	1035645	36.81	ng		99
74) Fluoranthene	19.53	202	1204561	38.98	ng		98
76) Benzidine	19.70	184	514954	32.42	ng		97
77) Pyrene	19.90	202	1227007	41.82	ng		97
79) Butylbenzylphthalate	20.76	149	474007	40.51	ng	#	84
80) Benzo(a)anthracene	21.74	228	1210052	39.39	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	463050	37.35	ng		97
82) Chrysene	21.81	228	1142132	40.20	ng		98
83) Bis(2-ethylhexyl)phthalate	21.62	149	664362	39.34	ng		100
84) Di-n-octyl phthalate	22.84	149	1115051	40.56	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.85	276	1311169	37.96	ng	#	72
87) Benzo(b)fluoranthene	24.01	252	1186056	39.05	ng		98
88) Benzo(k)fluoranthene	24.08	252	1217789	40.46	ng		98
89) Benzo(a)pyrene	24.90	252	1141172	39.55	ng		98
90) Dibenzo(a,h)anthracene	28.90	278	1110051	37.64	ng		99
91) Benzo(g,h,i)perylene	30.03	276	1066204	37.25	ng		98

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

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