Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060717\
Data File : BG027306.D
Acq On : 8 Jun 2017 6:36
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/8/2017 2:23:08 PM

Quant Time: Jun 08 08:32:32 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 16:00:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	52791	20.00	ng		-0.02
21) Naphthalene-d8	11.38	136	261209	20.00	ng		-0.02
38) Acenaphthene-d10	15.14	164	165254	20.00	ng		-0.02
63) Phenanthrene-d10	17.89	188	383095	20.00	ng		-0.03
75) Chrysene-d12	22.28	240	438584	20.00	ng		-0.03
86) Perylene-d12	25.96	264	402707	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	6.14	112	302272	87.37	ng		-0.01
7) Phenol-d6	7.69	99	457768	90.14	ng		-0.01
23) Nitrobenzene-d5	9.72	82	401263	96.61	ng		-0.02
41) 2,4,6-Tribromophenol	16.63	330	196956	90.51	ng		-0.02
44) 2-Fluorobiphenyl	13.76	172	957350	81.05	ng		-0.03
78) Terphenyl-d14	20.47	244	1411792	82.12	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	4.16	88	62242	43.39	ng	#	80
3) Pyridine	4.54	79	194336	43.95	ng	#	78
4) n-Nitrosodimethylamine	4.45	42	74155	45.29	ng	#	53
6) Aniline	7.88	93	280507	43.86	ng		94
8) 2-Chlorophenol	8.12	128	156661	42.89	ng		93
9) Benzaldehyde	7.71	77	151659	43.19	ng		85
10) Phenol	7.72	94	234058	45.07	ng		77
11) bis(2-Chloroethyl)ether	7.96	93	183561	43.09	ng		85
12) 1,3-Dichlorobenzene	8.45	146	165197m	40.09	ng		
13) 1,4-Dichlorobenzene	8.59	146	171655	40.59	ng		95
14) 1,2-Dichlorobenzene	8.92	146	167803	40.69	ng		93
15) Benzyl Alcohol	8.78	79	163339	45.65	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	9.07	45	285218	46.79	ng		95
17) 2-Methylphenol	8.97	107	161019	43.86	ng	#	87
18) Hexachloroethane	9.65	117	61963	43.50	ng	#	83
19) n-Nitroso-di-n-propylamine	9.35	70	157860	44.44	ng	#	86
20) 3+4-Methylphenols	9.30	107	224197	44.09	ng		89
22) Acetophenone	9.38	105	279005	41.77	ng	#	84
24) Nitrobenzene	9.76	77	221886	46.89	ng	#	89
25) Isophorone	10.29	82	422349	43.24	ng	#	97
26) 2-Nitrophenol	10.48	139	88275	45.66	ng	#	81
27) 2,4-Dimethylphenol	10.51	122	179809	42.82	ng		92
28) bis(2-Chloroethoxy)methane	10.76	93	266138	42.08	ng		97
29) 2,4-Dichlorophenol	11.01	162	163527	42.66	ng		99
30) 1,2,4-Trichlorobenzene	11.23	180	171086	40.30	ng		98
31) Naphthalene	11.43	128	575930	40.34	ng		99
32) Benzoic acid	10.62	122	117665	41.76	ng		89
33) 4-Chloroaniline	11.53	127	247643	41.63	ng	#	89
34) Hexachlorobutadiene	11.70	225	103422	39.64	ng		99
35) Caprolactam	12.30	113	64488	49.05	ng	#	78
36) 4-Chloro-3-methylphenol	12.59	107	212506	44.23	ng		94
37) 2-Methylnaphthalene	12.99	142	417970m	40.14	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.35	216	205355	39.89	ng		99
40) Hexachlorocyclopentadiene	13.33	237	108586	39.63	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.58	196	137168	43.93	ng		98
43) 2,4,5-Trichlorophenol	13.65	196	155523	44.51	ng		94
45) 1,1'-Biphenyl	13.98	154	553122	41.01	ng		96
46) 2-Chloronaphthalene	14.03	162	418149	41.35	ng		100
47) 2-Nitroaniline	14.22	65	145718	50.29	ng	#	83
48) Acenaphthylene	14.87	152	710517	41.51	ng		98
49) Dimethylphthalate	14.57	163	536396	40.92	ng		97
50) 2,6-Dinitrotoluene	14.70	165	118530	44.92	ng	#	79
51) Acenaphthene	15.20	154	464047	41.68	ng		98
52) 3-Nitroaniline	15.03	138	125739	45.37	ng		88
53) 2,4-Dinitrophenol	15.23	184	47172	46.23	ng	#	34
54) Dibenzofuran	15.53	168	632646	40.67	ng		93
55) 4-Nitrophenol	15.31	139	102004	44.16	ng	#	58
56) 2,4-Dinitrotoluene	15.48	165	162302	47.69	ng	#	88
57) Fluorene	16.18	166	567326	41.06	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.75	232	135973	43.59	ng		98
59) Diethylphthalate	15.93	149	550477	42.10	ng		97
60) 4-Chlorophenyl-phenylether	16.16	204	286706	41.19	ng		96
61) 4-Nitroaniline	16.20	138	131607	46.74	ng	#	67
62) Azobenzene	16.46	77	545696	45.03	ng		90
64) 4,6-Dinitro-2-methylphenol	16.24	198	84318	49.13	ng		88
65) n-Nitrosodiphenylamine	16.38	169	483804	40.28	ng		99
66) 4-Bromophenyl-phenylether	17.06	248	180696	39.85	ng		93
67) Hexachlorobenzene	17.19	284	196896	40.37	ng		91
68) Atrazine	17.31	200	175211	43.62	ng		97
69) Pentachlorophenol	17.52	266	114868	40.18	ng		96
70) Phenanthrene	17.93	178	871277	40.42	ng		96
71) Anthracene	18.02	178	885921	41.03	ng		98
72) Carbazole	18.29	167	853496	41.91	ng		96
73) Di-n-butylphthalate	18.82	149	910598	46.11	ng	#	93
74) Fluoranthene	19.92	202	1001232	43.48	ng		94
76) Benzidine	20.09	184	445286	33.70	ng		98
77) Pyrene	20.29	202	1038817	39.20	ng		97
79) Butylbenzylphthalate	21.17	149	398682	42.58	ng		94
80) Benzo(a)anthracene	22.25	228	1031360	41.24	ng		95
81) 3,3'-Dichlorobenzidine	22.15	252	402540	41.37	ng	#	96
82) Chrysene	22.33	228	990865	41.26	ng		96
83) Bis(2-ethylhexyl)phthalate	22.11	149	582108	41.14	ng		99
84) Di-n-octyl phthalate	23.49	149	984809	42.02	ng	#	90
85) Indeno(1,2,3-cd)pyrene	30.22	276	1187574	40.84	ng	#	93
87) Benzo(b)fluoranthene	24.78	252	1060393	42.46	ng	#	96
88) Benzo(k)fluoranthene	24.86	252	1026558	41.90	ng	#	93
89) Benzo(a)pyrene	25.79	252	978426	41.62	ng	#	93
90) Dibenzo(a,h)anthracene	30.29	278	1043422	42.40	ng	#	96
91) Benzo(g,h,i)perylene	31.54	276	992193	41.63	ng	#	90

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

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