Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091517\
Data File : BG028780.D
Acq On : 15 Sep 2017 23:19
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
9/18/2017 3:31:51 PM

Quant Time: Sep 16 06:06:44 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	31575	20.00	ng		-0.04
21) Naphthalene-d8	11.11	136	135635	20.00	ng		-0.04
38) Acenaphthene-d10	14.91	164	98701	20.00	ng		-0.04
63) Phenanthrene-d10	17.66	188	244629	20.00	ng		-0.04
75) Chrysene-d12	21.99	240	287460	20.00	ng		-0.04
86) Perylene-d12	25.46	264	293606	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.86	112	159700	83.46	ng		-0.04
7) Phenol-d6	7.45	99	246506	85.56	ng		-0.04
23) Nitrobenzene-d5	9.46	82	237217	83.66	ng		-0.04
41) 2,4,6-Tribromophenol	16.40	330	141157	86.47	ng		-0.04
44) 2-Fluorobiphenyl	13.53	172	615251	83.12	ng		-0.04
78) Terphenyl-d14	20.25	244	1141575	84.69	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.79	88	29973	38.679	ng	#	87
3) Pyridine	4.19	79	89213	40.359	ng		96
4) n-Nitrosodimethylamine	4.10	42	39448	39.230	ng	#	67
6) Aniline	7.62	93	141785	42.285	ng		96
8) 2-Chlorophenol	7.86	128	92054	43.153	ng		91
9) Benzaldehyde	7.43	77	71227	39.847	ng		97
10) Phenol	7.47	94	127398	41.899	ng		92
11) bis(2-Chloroethyl)ether	7.70	93	88631	40.600	ng		88
12) 1,3-Dichlorobenzene	8.18	146	98085	42.701	ng		88
13) 1,4-Dichlorobenzene	8.33	146	99003	41.915	ng		95
14) 1,2-Dichlorobenzene	8.65	146	95777	41.044	ng		93
15) Benzyl Alcohol	8.53	79	94947	42.215	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.81	45	149551	37.694	ng		96
17) 2-Methylphenol	8.73	107	83119	41.833	ng	#	91
18) Hexachloroethane	9.37	117	36365	42.006	ng		92
19) n-Nitroso-di-n-propylamine	9.09	70	85888	42.053	ng	#	87
20) 3+4-Methylphenols	9.06	107	119224	42.900	ng		89
22) Acetophenone	9.12	105	164935	41.589	ng	#	88
24) Nitrobenzene	9.51	77	127906	40.739	ng	#	91
25) Isophorone	10.02	82	228614	39.849	ng		95
26) 2-Nitrophenol	10.22	139	53853	40.302	ng		96
27) 2,4-Dimethylphenol	10.26	122	102352	41.904	ng		93
28) bis(2-Chloroethoxy)methane	10.50	93	131015	42.053	ng		99
29) 2,4-Dichlorophenol	10.76	162	105251	43.309	ng		95
30) 1,2,4-Trichlorobenzene	10.97	180	117845	42.507	ng		97
31) Naphthalene	11.16	128	296905	41.912	ng		100
32) Benzoic acid	10.43	122	65781	39.200	ng		94
33) 4-Chloroaniline	11.27	127	124740	42.034	ng		92
34) Hexachlorobutadiene	11.44	225	83158	40.724	ng		99
35) Caprolactam	12.05	113	36727	42.143	ng	#	86
36) 4-Chloro-3-methylphenol	12.38	107	132538	41.906	ng		96
37) 2-Methylnaphthalene	12.75	142	222451	42.060	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.11	216	174518	43.003	ng	#	95
40) Hexachlorocyclopentadiene	13.09	237	53154	38.114	ng		94

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Quant Time: Sep 16 06:06:44 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.35	196	105704	41.038	ng		94
43) 2,4,5-Trichlorophenol	13.43	196	106824	41.274	ng	#	92
45) 1,1'-Biphenyl	13.74	154	339429	41.535	ng		97
46) 2-Chloronaphthalene	13.79	162	242938	40.758	ng		98
47) 2-Nitroaniline	14.00	65	89826	40.549	ng		92
48) Acenaphthylene	14.64	152	396693	41.657	ng		96
49) Dimethylphthalate	14.36	163	336597	40.668	ng		97
50) 2,6-Dinitrotoluene	14.49	165	77471	42.066	ng	#	78
51) Acenaphthene	14.97	154	232579	40.206	ng		92
52) 3-Nitroaniline	14.82	138	66807	41.021	ng		99
53) 2,4-Dinitrophenol	15.04	184	30911	36.669	ng		91
54) Dibenzofuran	15.31	168	375549	40.710	ng		95
55) 4-Nitrophenol	15.13	139	47555	39.855	ng	#	82
56) 2,4-Dinitrotoluene	15.27	165	110879	42.819	ng	#	85
57) Fluorene	15.96	166	345817	41.990	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.53	232	96440	42.278	ng		90
59) Diethylphthalate	15.71	149	342036	40.214	ng		98
60) 4-Chlorophenyl-phenylether	15.94	204	195616	41.712	ng		88
61) 4-Nitroaniline	15.98	138	72983	42.300	ng	#	83
62) Azobenzene	16.23	77	284710	39.801	ng		92
64) 4,6-Dinitro-2-methylphenol	16.04	198	65914	41.757	ng		98
65) n-Nitrosodiphenylamine	16.16	169	289700	41.311	ng		98
66) 4-Bromophenyl-phenylether	16.84	248	132266	42.020	ng		95
67) Hexachlorobenzene	16.97	284	149666	41.776	ng	#	82
68) Atrazine	17.10	200	126572	42.036	ng		98
69) Pentachlorophenol	17.31	266	69235	42.773	ng		99
70) Phenanthrene	17.71	178	526037	42.050	ng		93
71) Anthracene	17.79	178	533933	42.251	ng		97
72) Carbazole	18.06	167	489872	43.042	ng	#	92
73) Di-n-butylphthalate	18.59	149	582429	41.735	ng	#	93
74) Fluoranthene	19.70	202	662920	43.400	ng		94
76) Benzidine	19.87	184	293167	39.327	ng		98
77) Pyrene	20.07	202	681089	41.077	ng		96
79) Butylbenzylphthalate	20.93	149	270497	40.394	ng		92
80) Benzo(a)anthracene	21.97	228	724002	41.842	ng		94
81) 3,3'-Dichlorobenzidine	21.87	252	287249	40.946	ng	#	97
82) Chrysene	22.04	228	692527	42.182	ng		94
83) Bis(2-ethylhexyl)phthalate	21.82	149	387101	40.661	ng		99
84) Di-n-octyl phthalate	23.11	149	682311	41.021	ng	#	87
85) Indeno(1,2,3-cd)pyrene	29.45	276	867727	41.135	ng		99
87) Benzo(b)fluoranthene	24.35	252	748706m	42.563	ng		
88) Benzo(k)fluoranthene	24.42	252	727881	41.426	ng		95
89) Benzo(a)pyrene	25.29	252	699745	41.909	ng		95
90) Dibenzo(a,h)anthracene	29.50	278	721619	41.454	ng		98
91) Benzo(g,h,i)perylene	30.71	276	710900	41.854	ng		99

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

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