Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031918\
Data File : BG033246.D
Acq On : 19 Mar 2018 19:04
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/20/2018 6:29:35 PM

Quant Time: Mar 20 03:41:02 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 19 16:48:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	34744	20.00	ng		0.00
21) Naphthalene-d8	11.78	136	156797	20.00	ng		0.00
38) Acenaphthene-d10	15.51	164	120679	20.00	ng		0.00
63) Phenanthrene-d10	18.24	188	312674	20.00	ng		0.00
75) Chrysene-d12	22.59	240	305550	20.00	ng		0.00
86) Perylene-d12	26.38	264	328014	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.31	112	169918	91.70	ng		0.00
7) Phenol-d6	8.00	99	277301	87.10	ng		0.00
23) Nitrobenzene-d5	10.10	82	292814	85.80	ng		0.00
41) 2,4,6-Tribromophenol	16.98	330	153772	85.20	ng		0.00
44) 2-Fluorobiphenyl	14.14	172	685848	82.05	ng		0.00
78) Terphenyl-d14	20.76	244	1180858	82.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.95	88	41977	44.610	ng		89
3) Pyridine	4.42	79	114446	43.998	ng		99
4) n-Nitrosodimethylamine	4.33	42	46907	43.942	ng	#	96
6) Aniline	8.19	93	163290	43.614	ng		91
8) 2-Chlorophenol	8.44	128	90049	42.511	ng		96
9) Benzaldehyde	8.00	77	80293m	39.686	ng		
10) Phenol	8.03	94	133224	42.384	ng		88
11) bis(2-Chloroethyl)ether	8.28	93	101877	39.708	ng		93
12) 1,3-Dichlorobenzene	8.78	146	114783	41.447	ng		94
13) 1,4-Dichlorobenzene	8.93	146	117714	42.442	ng		90
14) 1,2-Dichlorobenzene	9.26	146	115333	42.607	ng		94
15) Benzyl Alcohol	9.13	79	108083	43.119	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.42	45	178854	42.762	ng		88
17) 2-Methylphenol	9.33	107	89113m	41.617	ng		
18) Hexachloroethane	10.01	117	46245	43.202	ng		92
19) n-Nitroso-di-n-propylamine	9.70	70	98216	42.101	ng		96
20) 3+4-Methylphenols	9.66	107	134697	44.181	ng		87
22) Acetophenone	9.73	105	179936	41.887	ng	#	98
24) Nitrobenzene	10.14	77	149310	40.874	ng		93
25) Isophorone	10.66	82	276581	41.756	ng		99
26) 2-Nitrophenol	10.87	139	59912	43.321	ng	#	89
27) 2,4-Dimethylphenol	10.90	122	84924	42.271	ng		91
28) bis(2-Chloroethoxy)methane	11.14	93	136897	41.423	ng		96
29) 2,4-Dichlorophenol	11.41	162	101554	41.103	ng		92
30) 1,2,4-Trichlorobenzene	11.63	180	130504	40.654	ng		97
31) Naphthalene	11.83	128	333337	41.025	ng		99
32) Benzoic acid	11.03	122	65357	34.995	ng		92
33) 4-Chloroaniline	11.92	127	143376	39.386	ng	#	90
34) Hexachlorobutadiene	12.09	225	100360	41.342	ng		99
35) Caprolactam	12.67	113	39772	41.089	ng		95
36) 4-Chloro-3-methylphenol	12.99	107	133788	41.517	ng		88
37) 2-Methylnaphthalene	13.38	142	261208	41.418	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.73	216	176494	40.375	ng		97
40) Hexachlorocyclopentadiene	13.70	237	107758	42.051	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.96	196	105814	41.663	ng		92
43) 2,4,5-Trichlorophenol	14.03	196	130027	43.314	ng		94
45) 1,1'-Biphenyl	14.35	154	383419	41.355	ng		98
46) 2-Chloronaphthalene	14.41	162	292871	40.968	ng		98
47) 2-Nitroaniline	14.60	65	120758	45.099	ng		98
48) Acenaphthylene	15.24	152	490101	41.072	ng		99
49) Dimethylphthalate	14.94	163	442149	42.100	ng		99
50) 2,6-Dinitrotoluene	15.07	165	91710	42.707	ng		96
51) Acenaphthene	15.57	154	326583	42.456	ng		98
52) 3-Nitroaniline	15.41	138	93330	41.455	ng	#	93
53) 2,4-Dinitrophenol	15.60	184	38178	38.694	ng	#	81
54) Dibenzofuran	15.90	168	466358	41.044	ng		94
55) 4-Nitrophenol	15.68	139	63623	40.189	ng	#	80
56) 2,4-Dinitrotoluene	15.84	165	136485	43.166	ng		95
57) Fluorene	16.55	166	402355	41.566	ng		100
58) 2,3,4,6-Tetrachlorophenol	16.12	232	124074	43.903	ng		95
59) Diethylphthalate	16.27	149	430952	42.258	ng		99
60) 4-Chlorophenyl-phenylether	16.52	204	229028	41.159	ng		99
61) 4-Nitroaniline	16.56	138	97603	42.810	ng		88
62) Azobenzene	16.81	77	415668	42.077	ng		99
64) 4,6-Dinitro-2-methylphenol	16.60	198	78301	41.861	ng		96
65) n-Nitrosodiphenylamine	16.73	169	365739	40.973	ng		95
66) 4-Bromophenyl-phenylether	17.41	248	154184	41.988	ng		94
67) Hexachlorobenzene	17.54	284	156867	40.478	ng		94
68) Atrazine	17.65	200	152510	42.163	ng		98
69) Pentachlorophenol	17.88	266	107917	40.572	ng		96
70) Phenanthrene	18.28	178	666678	40.941	ng		99
71) Anthracene	18.38	178	681206	41.315	ng		98
72) Carbazole	18.63	167	602269	41.221	ng		99
73) Di-n-butylphthalate	19.12	149	699897	41.155	ng	#	98
74) Fluoranthene	20.24	202	818268	40.606	ng		97
76) Benzidine	20.40	184	391766	47.280	ng		98
77) Pyrene	20.59	202	845172	41.474	ng		99
79) Butylbenzylphthalate	21.45	149	304069	40.434	ng		98
80) Benzo(a)anthracene	22.57	228	796410	40.934	ng		99
81) 3,3'-Dichlorobenzidine	22.46	252	288877	41.725	ng		98
82) Chrysene	22.65	228	773012	41.044	ng		98
83) Bis(2-ethylhexyl)phthalate	22.39	149	421070	40.618	ng		99
84) Di-n-octyl phthalate	23.80	149	661155	41.655	ng		98
85) Indeno(1,2,3-cd)pyrene	30.81	276	850885	41.787	ng	#	88
87) Benzo(b)fluoranthene	25.17	252	763681	40.298	ng	#	97
88) Benzo(k)fluoranthene	25.25	252	753968	39.337	ng	#	98
89) Benzo(a)pyrene	26.21	252	735071	40.390	ng	#	95
90) Dibenzo(a,h)anthracene	30.88	278	699922	40.829	ng		97
91) Benzo(g,h,i)perylene	32.18	276	692799	40.812	ng	#	95

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

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