Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041118\
Data File : BG033765.D
Acq On : 12 Apr 2018 4:11
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/12/2018 2:35:36 PM

Quant Time: Apr 12 07:23:38 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 10 16:51:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	36701	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	168530	20.00	ng		0.00
38) Acenaphthene-d10	15.48	164	127433	20.00	ng		0.00
63) Phenanthrene-d10	18.20	188	334242	20.00	ng		0.00
75) Chrysene-d12	22.55	240	338365	20.00	ng		0.00
86) Perylene-d12	26.30	264	372114	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.28	112	173208	88.50	ng		0.00
7) Phenol-d6	7.97	99	280424	83.39	ng		0.00
23) Nitrobenzene-d5	10.06	82	286920	78.22	ng		0.00
41) 2,4,6-Tribromophenol	16.94	330	142050	74.53	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	677147	76.71	ng		0.00
78) Terphenyl-d14	20.72	244	1181061	74.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	41333	41.584	ng		87
3) Pyridine	4.38	79	113870	41.442	ng		98
4) n-Nitrosodimethylamine	4.29	42	50078	44.411	ng	#	82
6) Aniline	8.15	93	171385	43.336	ng	#	93
8) 2-Chlorophenol	8.40	128	94969	42.443	ng		94
9) Benzaldehyde	7.97	77	70184m	32.839	ng		
10) Phenol	8.00	94	140869	42.426	ng		88
11) bis(2-Chloroethyl)ether	8.24	93	111669	41.204	ng		92
12) 1,3-Dichlorobenzene	8.74	146	113861	38.922	ng		97
13) 1,4-Dichlorobenzene	8.89	146	107419	36.665	ng		98
14) 1,2-Dichlorobenzene	9.22	146	115635	40.440	ng		96
15) Benzyl Alcohol	9.09	79	112995	42.675	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.37	45	191173	43.270	ng		87
17) 2-Methylphenol	9.29	107	95009	42.004	ng	#	91
18) Hexachloroethane	9.98	117	46968	41.537	ng		95
19) n-Nitroso-di-n-propylamine	9.66	70	105604	42.854	ng		99
20) 3+4-Methylphenols	9.62	107	137938	42.831	ng		94
22) Acetophenone	9.69	105	182076	39.435	ng	#	97
24) Nitrobenzene	10.10	77	153874	39.191	ng	#	90
25) Isophorone	10.62	82	284138	39.911	ng		98
26) 2-Nitrophenol	10.82	139	59998	40.363	ng	#	88
27) 2,4-Dimethylphenol	10.86	122	87138	40.353	ng		93
28) bis(2-Chloroethoxy)methane	11.10	93	137539	38.720	ng		98
29) 2,4-Dichlorophenol	11.37	162	108240	40.759	ng		93
30) 1,2,4-Trichlorobenzene	11.59	180	131389	38.080	ng		95
31) Naphthalene	11.79	128	339096	38.828	ng		98
32) Benzoic acid	11.01	122	67452m	33.602	ng		
33) 4-Chloroaniline	11.89	127	148468	37.945	ng	#	90
34) Hexachlorobutadiene	12.04	225	93791	35.946	ng		96
35) Caprolactam	12.63	113	42645	40.990	ng	#	77
36) 4-Chloro-3-methylphenol	12.95	107	137759	39.773	ng		92
37) 2-Methylnaphthalene	13.34	142	259188	38.237	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	170231	36.879	ng		99
40) Hexachlorocyclopentadiene	13.67	237	107830	39.849	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.92	196	101758	37.943	ng		98
43) 2,4,5-Trichlorophenol	14.00	196	124279	39.205	ng		97
45) 1,1'-Biphenyl	14.31	154	375652	38.370	ng		96
46) 2-Chloronaphthalene	14.37	162	291835	38.659	ng		95
47) 2-Nitroaniline	14.57	65	121285	42.895	ng		91
48) Acenaphthylene	15.21	152	491595	39.014	ng		98
49) Dimethylphthalate	14.90	163	436041	39.318	ng		100
50) 2,6-Dinitrotoluene	15.04	165	92092	40.612	ng		94
51) Acenaphthene	15.54	154	331022	40.752	ng		96
52) 3-Nitroaniline	15.38	138	89522	37.656	ng	#	89
53) 2,4-Dinitrophenol	15.57	184	47269	44.050	ng		86
54) Dibenzofuran	15.86	168	465341	38.784	ng		94
55) 4-Nitrophenol	15.66	139	63153	37.778	ng		87
56) 2,4-Dinitrotoluene	15.81	165	133841	40.086	ng		91
57) Fluorene	16.51	166	399395	39.073	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.08	232	107381	35.982	ng		99
59) Diethylphthalate	16.23	149	427636	39.711	ng		99
60) 4-Chlorophenyl-phenylether	16.48	204	221300	37.662	ng		98
61) 4-Nitroaniline	16.53	138	98518	40.922	ng	#	85
62) Azobenzene	16.77	77	417633	40.035	ng		97
64) 4,6-Dinitro-2-methylphenol	16.57	198	79291	39.655	ng		91
65) n-Nitrosodiphenylamine	16.70	169	363618	38.107	ng		98
66) 4-Bromophenyl-phenylether	17.37	248	141552	36.061	ng		88
67) Hexachlorobenzene	17.51	284	154842	37.377	ng		98
68) Atrazine	17.61	200	141983	36.720	ng		98
69) Pentachlorophenol	17.84	266	91742m	32.265	ng		
70) Phenanthrene	18.24	178	655794	37.673	ng		98
71) Anthracene	18.34	178	684401	38.830	ng		99
72) Carbazole	18.60	167	609091	38.998	ng		98
73) Di-n-butylphthalate	19.09	149	733087	40.325	ng	#	98
74) Fluoranthene	20.20	202	834514	38.740	ng		98
76) Benzidine	20.36	184	331539	36.131	ng		98
77) Pyrene	20.56	202	853764	37.832	ng		99
79) Butylbenzylphthalate	21.41	149	331613	39.820	ng		99
80) Benzo(a)anthracene	22.53	228	820837	38.098	ng		99
81) 3,3'-Dichlorobenzidine	22.41	252	306782	40.013	ng		96
82) Chrysene	22.61	228	800892	38.401	ng		99
83) Bis(2-ethylhexyl)phthalate	22.34	149	476612	41.517	ng		98
84) Di-n-octyl phthalate	23.74	149	767407	43.660	ng		100
85) Indeno(1,2,3-cd)pyrene	30.68	276	920021	40.800	ng	#	84
87) Benzo(b)fluoranthene	25.10	252	801554	37.284	ng	#	97
88) Benzo(k)fluoranthene	25.18	252	813962	37.435	ng	#	98
89) Benzo(a)pyrene	26.13	252	782011	37.877	ng	#	98
90) Dibenzo(a,h)anthracene	30.75	278	775569	39.880	ng		97
91) Benzo(g,h,i)perylene	32.05	276	745097	38.691	ng	#	94

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

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