Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051618\
Data File : BG034497.D
Acq On : 16 May 2018 20:38
Operator : SJ/JU
Sample : PB108852BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 17 03:28:28 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 16 22:24:50 2018
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : PB108852BS

Manual Integrations APPROVED
Sohil
5/17/2018 5:04:28 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	36997	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	169010	20.00	ng		0.00
38) Acenaphthene-d10	14.69	164	134807	20.00	ng		0.00
63) Phenanthrene-d10	17.45	188	355629	20.00	ng		0.00
75) Chrysene-d12	21.74	240	379011	20.00	ng		0.00
86) Perylene-d12	25.02	264	390484	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	367197	152.87	ng		0.00
7) Phenol-d6	7.21	99	540279	139.04	ng		0.00
23) Nitrobenzene-d5	9.21	82	389233	87.98	ng		0.00
41) 2,4,6-Tribromophenol	16.19	330	305510	131.59	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	785014	79.06	ng		0.00
78) Terphenyl-d14	20.06	244	1639074	94.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	28804	29.195	ng	#	78
3) Pyridine	3.92	79	93501	29.385	ng	#	83
4) n-Nitrosodimethylamine	3.84	42	74808	40.197	ng	#	69
6) Aniline	7.37	93	143152	28.221	ng	#	95
8) 2-Chlorophenol	7.61	128	113370	44.630	ng		94
9) Benzaldehyde	7.18	77	63124	23.511	ng		91
10) Phenol	7.24	94	171542	44.266	ng	#	67
11) bis(2-Chloroethyl)ether	7.46	93	120763	41.250	ng		92
12) 1,3-Dichlorobenzene	7.94	146	117024	39.147	ng	#	89
13) 1,4-Dichlorobenzene	8.08	146	118176	38.824	ng		95
14) 1,2-Dichlorobenzene	8.40	146	118745	39.745	ng		94
15) Benzyl Alcohol	8.28	79	173395	43.606	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	8.58	45	132860	39.986	ng		78
17) 2-Methylphenol	8.49	107	111139	42.691	ng	#	67
18) Hexachloroethane	9.13	117	50265	39.252	ng	#	81
19) n-Nitroso-di-n-propylamine	8.85	70	125821	39.534	ng		92
20) 3+4-Methylphenols	8.82	107	153385	42.260	ng	#	72
22) Acetophenone	8.87	105	223119	41.323	ng	#	92
24) Nitrobenzene	9.25	77	189293	41.222	ng	#	89
25) Isophorone	9.78	82	330378	38.524	ng	#	91
26) 2-Nitrophenol	9.97	139	65868	40.169	ng	#	56
27) 2,4-Dimethylphenol	10.03	122	125208	43.670	ng		95
28) bis(2-Chloroethoxy)methane	10.26	93	174828	40.504	ng		99
29) 2,4-Dichlorophenol	10.51	162	137734	46.066	ng		96
30) 1,2,4-Trichlorobenzene	10.72	180	137504	38.678	ng		94
31) Naphthalene	10.91	128	348660	39.677	ng		98
32) Benzoic acid	10.16	122	84973	41.850	ng		98
33) 4-Chloroaniline	11.02	127	54724	14.280	ng	#	79
34) Hexachlorobutadiene	11.19	225	109770	38.865	ng		97
35) Caprolactam	11.79	113	49013m	43.120	ng		
36) 4-Chloro-3-methylphenol	12.14	107	177255	43.998	ng		91
37) 2-Methylnaphthalene	12.52	142	273939	38.602	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	189684	37.441	ng	#	97
40) Hexachlorocyclopentadiene	12.87	237	288959	72.837	ng		87

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	127489	40.449	ng		94
43) 2,4,5-Trichlorophenol	13.20	196	141508	40.918	ng	#	88
45) 1,1'-Biphenyl	13.52	154	402167	37.879	ng		98
46) 2-Chloronaphthalene	13.57	162	318914	38.160	ng		95
47) 2-Nitroaniline	13.77	65	140554	41.166	ng	#	84
48) Acenaphthylene	14.42	152	470821	36.812	ng		96
49) Dimethylphthalate	14.15	163	455164	39.117	ng		99
50) 2,6-Dinitrotoluene	14.26	165	94756	39.710	ng	#	64
51) Acenaphthene	14.76	154	315124	38.005	ng		94
52) 3-Nitroaniline	14.60	138	52170	23.655	ng	#	77
53) 2,4-Dinitrophenol	14.81	184	134895	85.927	ng	#	74
54) Dibenzofuran	15.09	168	506604	37.247	ng	#	86
55) 4-Nitrophenol	14.92	139	165604	85.448	ng	#	47
56) 2,4-Dinitrotoluene	15.06	165	147982	41.778	ng		90
57) Fluorene	15.75	166	417401	39.321	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.32	232	153126	40.589	ng		99
59) Diethylphthalate	15.51	149	492027	40.659	ng		100
60) 4-Chlorophenyl-phenylether	15.73	204	238514	37.837	ng		90
61) 4-Nitroaniline	15.76	138	99263	39.702	ng	#	39
62) Azobenzene	16.03	77	512314	39.880	ng		92
64) 4,6-Dinitro-2-methylphenol	15.82	198	91091	39.944	ng		95
65) n-Nitrosodiphenylamine	15.95	169	394567	37.941	ng		98
66) 4-Bromophenyl-phenylether	16.63	248	184843	39.495	ng	#	88
67) Hexachlorobenzene	16.75	284	202785	39.210	ng		96
68) Atrazine	16.90	200	197086	42.762	ng		94
69) Pentachlorophenol	17.10	266	268905	86.218	ng		95
70) Phenanthrene	17.49	178	756636	39.063	ng		99
71) Anthracene	17.58	178	781469	39.816	ng		99
72) Carbazole	17.85	167	665451	40.969	ng	#	97
73) Di-n-butylphthalate	18.41	149	840928	41.816	ng	#	97
74) Fluoranthene	19.50	202	975100	40.962	ng		97
76) Benzidine	19.68	184	352374	34.787	ng		97
77) Pyrene	19.86	202	978018	41.224	ng		97
79) Butylbenzylphthalate	20.75	149	387373	42.348	ng		92
80) Benzo(a)anthracene	21.72	228	972080	39.471	ng		99
81) 3,3'-Dichlorobenzidine	21.63	252	223297	23.311	ng	#	96
82) Chrysene	21.79	228	906667	40.141	ng		98
83) Bis(2-ethylhexyl)phthalate	21.62	149	504249	40.589	ng	#	99
84) Di-n-octyl phthalate	22.85	149	866213	41.654	ng		99
85) Indeno(1,2,3-cd)pyrene	28.75	276	1192995	41.280	ng	#	84
87) Benzo(b)fluoranthene	23.98	252	1037036	41.970	ng	#	94
88) Benzo(k)fluoranthene	24.04	252	976746	41.613	ng	#	93
89) Benzo(a)pyrene	24.86	252	972467	41.465	ng	#	94
90) Dibenzo(a,h)anthracene	28.81	278	988977	42.524	ng	#	95
91) Benzo(g,h,i)perylene	29.92	276	986541	42.198	ng	#	90

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

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