Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
Data File : BG034071.D
Acq On : 28 Apr 2018 12:44
Operator : SJ/JU
Sample : PB108635BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB108635BS

Manual Integrations APPROVED
Sohil
4/30/2018 7:03:51 PM

Quant Time: Apr 30 17:01:18 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	51005m	20.00	ng		-0.08
21) Naphthalene-d8	10.54	136	250166	20.00	ng		-0.09
38) Acenaphthene-d10	14.39	164	188889	20.00	ng		-0.09
63) Phenanthrene-d10	17.14	188	532753	20.00	ng		-0.08
75) Chrysene-d12	21.39	240	567156	20.00	ng		-0.10
86) Perylene-d12	24.38	264	574441	20.00	ng		-0.18
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	243566	76.24	ng		-0.08
7) Phenol-d6	6.95	99	336490	72.21	ng		-0.05
23) Nitrobenzene-d5	8.91	82	239735	54.54	ng		-0.08
41) 2,4,6-Tribromophenol	15.88	330	248886	112.94	ng		-0.08
44) 2-Fluorobiphenyl	13.01	172	798467	62.10	ng		-0.09
78) Terphenyl-d14	19.77	244	1624890	64.37	ng		-0.09
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	37051m	27.446	ng		
3) Pyridine	3.70	79	49483	12.669	ng		90
4) n-Nitrosodimethylamine	3.65	42	18653	10.482	ng	#	93
6) Aniline	7.10	93	29197	4.687	ng	#	57
8) 2-Chlorophenol	7.32	128	105601	29.500	ng		98
9) Benzaldehyde	6.97	77	30191m	9.593	ng		
10) Phenol	6.97	94	101083	21.176	ng		96
11) bis(2-Chloroethyl)ether	7.19	93	88704m	24.296	ng		
12) 1,3-Dichlorobenzene	7.64	146	114464	27.777	ng		96
13) 1,4-Dichlorobenzene	7.79	146	137032m	32.832	ng		
14) 1,2-Dichlorobenzene	8.10	146	116807	28.778	ng		97
15) Benzyl Alcohol	8.02	79	54465m	13.404	ng		
16) 2,2'-oxybis(1-Chloropropan	8.28	45	156936	22.039	ng		76
17) 2-Methylphenol	8.22	107	71712	20.272	ng	#	95
18) Hexachloroethane	8.81	117	47859	31.379	ng		90
19) n-Nitroso-di-n-propylamine	8.55	70	79518	20.020	ng	#	96
20) 3+4-Methylphenols	8.56	107	83208	16.188	ng	#	71
22) Acetophenone	8.58	105	130720	19.199	ng	#	99
24) Nitrobenzene	8.96	77	101524	21.194	ng	#	96
25) Isophorone	9.46	82	249295	25.224	ng	#	92
26) 2-Nitrophenol	9.68	139	33594	17.749	ng		90
27) 2,4-Dimethylphenol	9.73	122	85896	24.263	ng		91
28) bis(2-Chloroethoxy)methane	9.97	93	119102	22.802	ng	#	96
29) 2,4-Dichlorophenol	10.21	162	111387	28.224	ng		91
30) 1,2,4-Trichlorobenzene	10.40	180	128970	29.177	ng		97
31) Naphthalene	10.58	128	380400	29.569	ng		99
32) Benzoic acid	9.89	122	63132m	21.081	ng		
33) 4-Chloroaniline	10.79	127	21218m	3.509	ng		
34) Hexachlorobutadiene	10.86	225	76689	29.002	ng	#	61
35) Caprolactam	11.49	113	43052m	25.658	ng		
36) 4-Chloro-3-methylphenol	11.86	107	129247	26.833	ng		92
37) 2-Methylnaphthalene	12.20	142	279996	28.428	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.57	216	175652	28.005	ng		96
40) Hexachlorocyclopentadiene	12.55	237	216474	62.769	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.82	196	94021	24.586	ng		93
43) 2,4,5-Trichlorophenol	12.91	196	145721m	33.145	ng		
45) 1,1'-Biphenyl	13.22	154	406052	26.556	ng		98
46) 2-Chloronaphthalene	13.26	162	316903	27.334	ng		99
47) 2-Nitroaniline	13.50	65	78764	21.758	ng		95
48) Acenaphthylene	14.11	152	535639	27.794	ng		99
49) Dimethylphthalate	13.85	163	470845	28.338	ng		99
50) 2,6-Dinitrotoluene	13.97	165	102535m	32.563	ng		
51) Acenaphthene	14.45	154	309990	25.605	ng		97
52) 3-Nitroaniline	14.39	138	21925m	6.412	ng		
53) 2,4-Dinitrophenol	14.53	184	55425	49.219	ng	#	72
54) Dibenzofuran	14.79	168	527431	29.386	ng		94
55) 4-Nitrophenol	14.68	139	68509	25.548	ng		87
56) 2,4-Dinitrotoluene	14.77	165	138953	33.185	ng	#	79
57) Fluorene	15.44	166	467348	30.090	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.03	232	155110	38.532	ng	#	88
59) Diethylphthalate	15.22	149	499039	28.415	ng		100
60) 4-Chlorophenyl-phenylether	15.44	204	248938	30.643	ng		93
61) 4-Nitroaniline	15.52	138	68347m	18.827	ng		
62) Azobenzene	15.74	77	386131	24.664	ng		94
64) 4,6-Dinitro-2-methylphenol	15.53	198	58785	26.306	ng		82
65) n-Nitrosodiphenylamine	15.66	169	409410	26.433	ng		99
66) 4-Bromophenyl-phenylether	16.34	248	154485	26.404	ng		98
67) Hexachlorobenzene	16.44	284	173307	27.776	ng	#	73
68) Atrazine	16.61	200	179234	29.538	ng		97
69) Pentachlorophenol	16.79	266	215759m	50.342	ng		
70) Phenanthrene	17.18	178	774782	27.109	ng		99
71) Anthracene	17.28	178	873130	30.549	ng		99
72) Carbazole	17.56	167	708952	25.711	ng		99
73) Di-n-butylphthalate	18.12	149	934272	27.236	ng		99
74) Fluoranthene	19.20	202	1044992	30.227	ng		98
76) Benzidine	19.45	184	74254	4.848	ng		95
77) Pyrene	19.56	202	1040863	27.981	ng		97
79) Butylbenzylphthalate	20.47	149	428469	26.228	ng		88
80) Benzo(a)anthracene	21.37	228	948439	26.520	ng		98
81) 3,3'-Dichlorobenzidine	21.31	252	132303	9.922	ng		97
82) Chrysene	21.43	228	1026377	30.054	ng		98
83) Bis(2-ethylhexyl)phthalate	21.30	149	595008	25.790	ng		96
84) Di-n-octyl phthalate	22.44	149	1012731	27.656	ng	#	95
85) Indeno(1,2,3-cd)pyrene	27.76	276	1064030	27.371	ng	#	90
87) Benzo(b)fluoranthene	23.43	252	938965	26.794	ng		97
88) Benzo(k)fluoranthene	23.50	252	1081370	31.065	ng		98
89) Benzo(a)pyrene	24.25	252	985813	29.373	ng		98
90) Dibenzo(a,h)anthracene	27.83	278	885523	27.268	ng		98
91) Benzo(g,h,i)perylene	28.82	276	915258	28.642	ng		99

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

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