Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020918\
Data File : BG032642.D
Acq On : 9 Feb 2018 22:05
Operator : SJ/JU
Sample : PB106437BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB106437BS

Manual Integrations APPROVED
Sohil
2/13/2018 11:29:51 AM

Quant Time: Feb 12 09:36:57 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 18:57:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.69	152	30527	20.00	ng		-0.02
21) Naphthalene-d8	11.56	136	145214	20.00	ng		-0.02
38) Acenaphthene-d10	15.32	164	116908	20.00	ng		-0.02
63) Phenanthrene-d10	18.07	188	295120	20.00	ng		-0.01
75) Chrysene-d12	22.39	240	340080	20.00	ng		-0.02
86) Perylene-d12	26.06	264	358245	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.12	112	219802	144.62	ng		-0.02
7) Phenol-d6	7.81	99	286852	141.44	ng		-0.02
23) Nitrobenzene-d5	9.88	82	179133	77.05	ng		-0.03
41) 2,4,6-Tribromophenol	16.80	330	213260	95.83	ng		-0.02
44) 2-Fluorobiphenyl	13.95	172	682128	69.35	ng		-0.02
78) Terphenyl-d14	20.60	244	1171602	73.80	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.78	88	15961	31.213	ng	#	76
3) Pyridine	4.23	79	43229	31.308	ng		90
4) n-Nitrosodimethylamine	4.15	42	28005	38.962	ng	#	75
6) Aniline	7.98	93	43254	17.105	ng		96
8) 2-Chlorophenol	8.23	128	83547	46.504	ng		84
9) Benzaldehyde	7.79	77	17715m	16.912	ng		
10) Phenol	7.83	94	93161	48.370	ng		80
11) bis(2-Chloroethyl)ether	8.07	93	55819	38.037	ng	#	79
12) 1,3-Dichlorobenzene	8.56	146	82178	33.824	ng		93
13) 1,4-Dichlorobenzene	8.72	146	83143	34.143	ng		93
14) 1,2-Dichlorobenzene	9.05	146	83600	35.045	ng		93
15) Benzyl Alcohol	8.92	79	67071	40.126	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.21	45	61562	44.271	ng		71
17) 2-Methylphenol	9.12	107	61920	39.584	ng	#	87
18) Hexachloroethane	9.79	117	31419	38.429	ng		94
19) n-Nitroso-di-n-propylamine	9.49	70	56723	42.182	ng	#	93
20) 3+4-Methylphenols	9.46	107	93949	42.817	ng		92
22) Acetophenone	9.52	105	110573	32.483	ng	#	97
24) Nitrobenzene	9.93	77	84725	37.687	ng	#	85
25) Isophorone	10.44	82	163567	41.319	ng	#	86
26) 2-Nitrophenol	10.65	139	44461	32.716	ng	#	85
27) 2,4-Dimethylphenol	10.69	122	81983	42.030	ng		93
28) bis(2-Chloroethoxy)methane	10.93	93	88776	40.896	ng	#	91
29) 2,4-Dichlorophenol	11.20	162	107319	41.533	ng		89
30) 1,2,4-Trichlorobenzene	11.41	180	115138	33.432	ng		97
31) Naphthalene	11.61	128	250866	35.371	ng		99
32) Benzoic acid	10.82	122	39921m	30.556	ng		
33) 4-Chloroaniline	11.71	127	41020	12.967	ng		97
34) Hexachlorobutadiene	11.88	225	87369	32.607	ng		95
35) Caprolactam	12.47	113	29811	40.188	ng	#	50
36) 4-Chloro-3-methylphenol	12.79	107	105301	42.962	ng	#	88
37) 2-Methylnaphthalene	13.18	142	226252	37.972	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.54	216	179647	32.846	ng		97
40) Hexachlorocyclopentadiene	13.51	237	239437	70.067	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.76	196	110614	37.182	ng		99
43) 2,4,5-Trichlorophenol	13.84	196	129905	37.458	ng	#	91
45) 1,1'-Biphenyl	14.16	154	333386	33.754	ng		97
46) 2-Chloronaphthalene	14.21	162	258139	33.345	ng		97
47) 2-Nitroaniline	14.40	65	65311	38.150	ng	#	80
48) Acenaphthylene	15.05	152	392080	33.502	ng		100
49) Dimethylphthalate	14.75	163	365156	33.875	ng		99
50) 2,6-Dinitrotoluene	14.88	165	78565	34.725	ng	#	80
51) Acenaphthene	15.39	154	308539	38.014	ng		99
52) 3-Nitroaniline	15.23	138	30936	15.654	ng	#	75
53) 2,4-Dinitrophenol	15.42	184	87066	62.591	ng	#	61
54) Dibenzofuran	15.71	168	426883	35.535	ng		98
55) 4-Nitrophenol	15.52	139	89398	60.425	ng	#	76
56) 2,4-Dinitrotoluene	15.67	165	112618	34.960	ng	#	75
57) Fluorene	16.36	166	347800	34.841	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.94	232	131820	38.539	ng	#	86
59) Diethylphthalate	16.10	149	363210	34.596	ng		97
60) 4-Chlorophenyl-phenylether	16.34	204	231546	36.783	ng		93
61) 4-Nitroaniline	16.38	138	57391	27.095	ng	#	76
62) Azobenzene	16.64	77	234196	37.328	ng		85
64) 4,6-Dinitro-2-methylphenol	16.43	198	65210	29.577	ng	#	68
65) n-Nitrosodiphenylamine	16.56	169	317704	36.072	ng		98
66) 4-Bromophenyl-phenylether	17.24	248	161795	37.006	ng		97
67) Hexachlorobenzene	17.36	284	161931	33.468	ng		93
68) Atrazine	17.48	200	132385	35.015	ng		94
69) Pentachlorophenol	17.70	266	189824	62.627	ng		97
70) Phenanthrene	18.11	178	565214	34.343	ng		99
71) Anthracene	18.19	178	586858	35.812	ng		99
72) Carbazole	18.46	167	447129	30.881	ng		99
73) Di-n-butylphthalate	18.96	149	509378	31.775	ng		99
74) Fluoranthene	20.07	202	705586	32.691	ng		95
76) Benzidine	20.24	184	184362	27.608	ng		97
77) Pyrene	20.43	202	697905	33.459	ng		98
79) Butylbenzylphthalate	21.29	149	234811	35.690	ng	#	78
80) Benzo(a)anthracene	22.37	228	758907	35.996	ng		100
81) 3,3'-Dichlorobenzidine	22.27	252	156671	19.180	ng	#	96
82) Chrysene	22.44	228	737270	36.211	ng		98
83) Bis(2-ethylhexyl)phthalate	22.21	149	331216	35.505	ng	#	99
84) Di-n-octyl phthalate	23.58	149	590313	39.895	ng	#	90
85) Indeno(1,2,3-cd)pyrene	30.31	276	906054	35.177	ng	#	78
87) Benzo(b)fluoranthene	24.88	252	790778	36.532	ng	#	94
88) Benzo(k)fluoranthene	24.96	252	796427	37.142	ng	#	96
89) Benzo(a)pyrene	25.89	252	781160	37.854	ng	#	94
90) Dibenzo(a,h)anthracene	30.39	278	744765	35.280	ng	#	95
91) Benzo(g,h,i)perylene	31.64	276	761862	36.359	ng	#	92

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

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