Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
Data File : BG034007.D
Acq On : 26 Apr 2018 4:45
Operator : SJ/JU
Sample : J2155-08MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NB-08-042418-AMS

Manual Integrations APPROVED
Sohil
4/26/2018 6:16:48 PM

Quant Time: Apr 26 07:38:37 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	7.83	152	67076	20.00	ng		0.00
21) Naphthalene-d8	10.61	136	325329	20.00	ng		-0.02
38) Acenaphthene-d10	14.46	164	231799	20.00	ng		-0.02
63) Phenanthrene-d10	17.21	188	586801	20.00	ng		-0.02
75) Chrysene-d12	21.47	240	599607	20.00	ng		-0.02
86) Perylene-d12	24.53	264	628137	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	593816	141.34	ng		0.00
7) Phenol-d6	7.00	99	765742	124.96	ng		0.00
23) Nitrobenzene-d5	8.98	82	566794	99.15	ng		0.00
41) 2,4,6-Tribromophenol	15.95	330	470163	173.86	ng		-0.02
44) 2-Fluorobiphenyl	13.09	172	1453624	92.12	ng		-0.02
78) Terphenyl-d14	19.85	244	2506233	93.90	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	59578	33.559	ng		88
3) Pyridine	3.81	79	159936	31.137	ng		90
4) n-Nitrosodimethylamine	3.72	42	102243	43.691	ng	#	93
6) Aniline	7.16	93	201204	24.563	ng		97
8) 2-Chlorophenol	7.40	128	234997	49.918	ng		90
9) Benzaldehyde	6.98	77	90531	25.066	ng		96
10) Phenol	7.03	94	269059	42.860	ng		99
11) bis(2-Chloroethyl)ether	7.26	93	217837	45.370	ng		92
12) 1,3-Dichlorobenzene	7.72	146	229305	42.313	ng		96
13) 1,4-Dichlorobenzene	7.86	146	236208	43.034	ng		97
14) 1,2-Dichlorobenzene	8.18	146	229083	42.917	ng		95
15) Benzyl Alcohol	8.06	79	246209	46.076	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.36	45	366121	39.097	ng		96
17) 2-Methylphenol	8.27	107	208279	44.772	ng		96
18) Hexachloroethane	8.90	117	83601	41.681	ng		96
19) n-Nitroso-di-n-propylamine	8.63	70	214825	41.127	ng	#	95
20) 3+4-Methylphenols	8.59	107	292093	43.212	ng		95
22) Acetophenone	8.64	105	375885	42.451	ng	#	95
24) Nitrobenzene	9.02	77	291265	46.757	ng		93
25) Isophorone	9.54	82	577055	44.898	ng	#	92
26) 2-Nitrophenol	9.73	139	143287	58.214	ng		94
27) 2,4-Dimethylphenol	9.79	122	252594	54.866	ng		93
28) bis(2-Chloroethoxy)methane	10.03	93	331800	48.848	ng		95
29) 2,4-Dichlorophenol	10.26	162	282325	55.010	ng		94
30) 1,2,4-Trichlorobenzene	10.48	180	265196	46.135	ng		97
31) Naphthalene	10.66	128	754391	45.093	ng		99
32) Benzoic acid	9.93	122	176141	39.405	ng		87
33) 4-Chloroaniline	10.77	127	37066	4.714	ng		93
34) Hexachlorobutadiene	10.95	225	162770	47.334	ng		98
35) Caprolactam	11.56	113	85733m	39.291	ng		
36) 4-Chloro-3-methylphenol	11.90	107	305527	48.775	ng		89
37) 2-Methylnaphthalene	12.28	142	594896	46.445	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.65	216	361238	46.932	ng		97
40) Hexachlorocyclopentadiene	12.63	237	421331	99.553	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.89	196	250908	53.465	ng		99
43) 2,4,5-Trichlorophenol	12.96	196	279981	51.894	ng		97
45) 1,1'-Biphenyl	13.29	154	835978	44.552	ng		98
46) 2-Chloronaphthalene	13.33	162	634779	44.616	ng		98
47) 2-Nitroaniline	13.54	65	218278	49.136	ng		88
48) Acenaphthylene	14.18	152	1026637	43.410	ng		99
49) Dimethylphthalate	13.93	163	912813	44.767	ng		98
50) 2,6-Dinitrotoluene	14.04	165	210022	54.352	ng	#	84
51) Acenaphthene	14.53	154	644954	43.412	ng		98
52) 3-Nitroaniline	14.37	138	97010	23.120	ng	#	81
53) 2,4-Dinitrophenol	14.57	184	224456	162.424	ng	#	55
54) Dibenzofuran	14.86	168	1024505	46.514	ng		96
55) 4-Nitrophenol	14.68	139	335668	102.003	ng		88
56) 2,4-Dinitrotoluene	14.83	165	298783	58.147	ng	#	79
57) Fluorene	15.51	166	867679	45.523	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.09	232	281446	56.973	ng		96
59) Diethylphthalate	15.30	149	942115	43.712	ng		98
60) 4-Chlorophenyl-phenylether	15.51	204	478059	47.953	ng		95
61) 4-Nitroaniline	15.54	138	224012	50.283	ng		93
62) Azobenzene	15.81	77	805194	41.911	ng		97
64) 4,6-Dinitro-2-methylphenol	15.59	198	159312	55.248	ng		86
65) n-Nitrosodiphenylamine	15.73	169	768716	45.059	ng		99
66) 4-Bromophenyl-phenylether	16.41	248	323648	50.222	ng		96
67) Hexachlorobenzene	16.52	284	333135	48.473	ng	#	71
68) Atrazine	16.69	200	345410	51.682	ng		97
69) Pentachlorophenol	16.86	266	446331	94.547	ng		93
70) Phenanthrene	17.26	178	1442866	45.835	ng		96
71) Anthracene	17.35	178	1472092	46.761	ng		97
72) Carbazole	17.62	167	1352459	44.531	ng		96
73) Di-n-butylphthalate	18.20	149	1623190	42.961	ng		98
74) Fluoranthene	19.27	202	1781485	46.784	ng		95
76) Benzidine	19.46	184	147523	9.111	ng		99
77) Pyrene	19.64	202	1772368	45.066	ng		93
79) Butylbenzylphthalate	20.55	149	762067	44.124	ng		90
80) Benzo(a)anthracene	21.45	228	1762433	46.613	ng		95
81) 3,3'-Dichlorobenzidine	21.38	252	373469	26.491	ng		98
82) Chrysene	21.52	228	1652959	45.781	ng	#	93
83) Bis(2-ethylhexyl)phthalate	21.39	149	1029972	42.227	ng		99
84) Di-n-octyl phthalate	22.56	149	1780769	45.997	ng		98
85) Indeno(1,2,3-cd)pyrene	28.00	276	2114631	51.452	ng	#	93
87) Benzo(b)fluoranthene	23.57	252	1814851	47.361	ng		98
88) Benzo(k)fluoranthene	23.63	252	1763297	46.324	ng		97
89) Benzo(a)pyrene	24.39	252	1771103	48.260	ng		99
90) Dibenzo(a,h)anthracene	28.06	278	1751760	49.330	ng		97
91) Benzo(g,h,i)perylene	29.08	276	1756948	50.281	ng		98

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

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