Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120417\
Data File : BG031350.D
Acq On : 4 Dec 2017 17:23
Operator : SJ/JU
Sample : PB104670BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB104670BS

Manual Integrations APPROVED
Sohil
12/5/2017 3:26:43 PM

Quant Time: Dec 05 04:38:12 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	67568	20.00	ng		-0.02
21) Naphthalene-d8	10.94	136	282284	20.00	ng		-0.02
38) Acenaphthene-d10	14.75	164	185791	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	476469	20.00	ng		-0.02
75) Chrysene-d12	21.77	240	543500	20.00	ng		-0.02
86) Perylene-d12	25.06	264	552500	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	559352	141.95	ng		-0.02
7) Phenol-d6	7.30	99	720227	135.67	ng		0.00
23) Nitrobenzene-d5	9.30	82	416544	87.44	ng		-0.02
41) 2,4,6-Tribromophenol	16.24	330	351291	116.88	ng		-0.02
44) 2-Fluorobiphenyl	13.37	172	1198157	92.66	ng		-0.03
78) Terphenyl-d14	20.08	244	2138276	86.87	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	58759	36.75	ng	#	82
3) Pyridine	3.94	79	167847	36.16	ng		84
4) n-Nitrosodimethylamine	3.86	42	83946	38.16	ng	#	88
6) Aniline	7.45	93	218693	31.30	ng		93
8) 2-Chlorophenol	7.69	128	216299	49.74	ng		87
9) Benzaldehyde	7.27	77	78666m	21.18	ng		
10) Phenol	7.32	94	270648	49.09	ng		91
11) bis(2-Chloroethyl)ether	7.54	93	189982	43.16	ng		91
12) 1,3-Dichlorobenzene	8.02	146	223318	43.77	ng		96
13) 1,4-Dichlorobenzene	8.16	146	230012	44.49	ng		92
14) 1,2-Dichlorobenzene	8.48	146	219546	44.24	ng		98
15) Benzyl Alcohol	8.37	79	180454	42.38	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.65	45	274720	56.50	ng		91
17) 2-Methylphenol	8.58	107	186002	48.45	ng		96
18) Hexachloroethane	9.21	117	77983	43.34	ng		93
19) n-Nitroso-di-n-propylamine	8.93	70	151920	37.64	ng	#	95
20) 3+4-Methylphenols	8.91	107	253675	46.47	ng		94
22) Acetophenone	8.95	105	293423	41.75	ng	#	92
24) Nitrobenzene	9.34	77	223767	45.98	ng	#	88
25) Isophorone	9.86	82	426281	45.88	ng	#	91
26) 2-Nitrophenol	10.05	139	124646	49.14	ng	#	87
27) 2,4-Dimethylphenol	10.11	122	210050	55.78	ng		93
28) bis(2-Chloroethoxy)methane	10.33	93	272564	46.58	ng		96
29) 2,4-Dichlorophenol	10.60	162	244861	54.15	ng		93
30) 1,2,4-Trichlorobenzene	10.80	180	258265	47.84	ng		98
31) Naphthalene	10.99	128	639191	46.06	ng		99
32) Benzoic acid	10.28	122	101206	34.12	ng	#	82
33) 4-Chloroaniline	11.11	127	128269	21.12	ng		94
34) Hexachlorobutadiene	11.27	225	166406	44.45	ng		95
35) Caprolactam	11.88	113	81905m	44.34	ng		
36) 4-Chloro-3-methylphenol	12.23	107	238971	48.56	ng		86
37) 2-Methylnaphthalene	12.59	142	512701	47.86	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	313365	42.50	ng		95
40) Hexachlorocyclopentadiene	12.93	237	287821	102.13	ng		92

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Quant Time: Dec 05 04:38:12 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	215134	51.03	ng		99
43) 2,4,5-Trichlorophenol	13.28	196	226803	49.17	ng	#	90
45) 1,1'-Biphenyl	13.58	154	670227	43.50	ng		97
46) 2-Chloronaphthalene	13.63	162	552183	49.68	ng		95
47) 2-Nitroaniline	13.84	65	152395	46.25	ng	#	78
48) Acenaphthylene	14.48	152	838610	46.09	ng		99
49) Dimethylphthalate	14.20	163	743141	46.26	ng		99
50) 2,6-Dinitrotoluene	14.33	165	169535	51.20	ng	#	73
51) Acenaphthene	14.82	154	525907	46.28	ng		98
52) 3-Nitroaniline	14.66	138	111651	31.76	ng	#	77
53) 2,4-Dinitrophenol	14.88	184	144256	79.25	ng	#	45
54) Dibenzofuran	15.14	168	868096	47.97	ng		100
55) 4-Nitrophenol	14.99	139	235521	94.04	ng	#	76
56) 2,4-Dinitrotoluene	15.12	165	247693	51.75	ng	#	71
57) Fluorene	15.80	166	700352	47.66	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.38	232	229480	52.20	ng	#	89
59) Diethylphthalate	15.55	149	728059	44.62	ng		97
60) 4-Chlorophenyl-phenylether	15.78	204	418359	47.14	ng		91
61) 4-Nitroaniline	15.83	138	178521	47.95	ng		85
62) Azobenzene	16.07	77	580340	46.63	ng		91
64) 4,6-Dinitro-2-methylphenol	15.89	198	128584	40.60	ng		79
65) n-Nitrosodiphenylamine	16.00	169	655649	45.41	ng		99
66) 4-Bromophenyl-phenylether	16.67	248	279361	46.29	ng		96
67) Hexachlorobenzene	16.80	284	282153	44.00	ng		94
68) Atrazine	16.94	200	278256	46.71	ng		98
69) Pentachlorophenol	17.15	266	280058	79.01	ng		99
70) Phenanthrene	17.54	178	1197992	48.29	ng		99
71) Anthracene	17.62	178	1236625	49.75	ng		99
72) Carbazole	17.89	167	1143683	49.10	ng		99
73) Di-n-butylphthalate	18.43	149	1296823	45.35	ng		98
74) Fluoranthene	19.53	202	1577442	50.22	ng		97
76) Benzidine	19.71	184	669191	38.33	ng		96
77) Pyrene	19.90	202	1601738	49.66	ng		95
79) Butylbenzylphthalate	20.76	149	640175	49.78	ng		85
80) Benzo(a)anthracene	21.74	228	1641451	48.62	ng		97
81) 3,3'-Dichlorobenzidine	21.65	252	425213	31.20	ng		96
82) Chrysene	21.81	228	1535419	49.17	ng		96
83) Bis(2-ethylhexyl)phthalate	21.62	149	880675	47.44	ng		99
84) Di-n-octyl phthalate	22.84	149	1488656	49.27	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.85	276	1851099	48.76	ng		99
87) Benzo(b)fluoranthene	24.01	252	1654455	49.50	ng		98
88) Benzo(k)fluoranthene	24.08	252	1591645	48.05	ng		97
89) Benzo(a)pyrene	24.90	252	1603050	50.49	ng		99
90) Dibenzo(a,h)anthracene	28.91	278	1539899	47.45	ng		100
91) Benzo(g,h,i)perylene	30.03	276	1509805	47.94	ng		99

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

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