Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062716\
Data File : BG022655.D
Acq On : 27 Jun 2016 23:18
Operator : UM/SJ
Sample : PB91542BL
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB91542BL

Quant Time: Jun 28 01:43:37 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	137808	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	580282	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	417871	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	1149071	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1349232	20.00	ng		0.00
86) Perylene-d12	25.21	264	1345376	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	900437	104.80	ng		0.00
7) Phenol-d6	7.31	99	1313651	108.47	ng		0.00
23) Nitrobenzene-d5	9.33	82	905661	66.06	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	747298	113.70	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1807482	68.60	ng		0.00
78) Terphenyl-d14	20.15	244	2984953	58.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	141	0.04	ng	#	1
3) Pyridine	4.00	79	55	0.01	ng	#	47
4) n-Nitrosodimethylamine	3.91	42	140	0.03	ng	#	1
6) Aniline	7.47	93	864	0.05	ng	#	37
8) 2-Chlorophenol	7.73	128	261	0.03	ng	#	33
9) Benzaldehyde	7.31	77	3515	0.82	ng	#	33
10) Phenol	7.30	94	459	0.04	ng	#	1
11) bis(2-Chloroethyl)ether	7.59	93	231	0.02	ng	#	21
12) 1,3-Dichlorobenzene	8.05	146	134	0.01	ng	#	36
13) 1,4-Dichlorobenzene	8.20	146	69	0.01	ng	#	41
14) 1,2-Dichlorobenzene	8.52	146	167	0.02	ng	#	52
15) Benzyl Alcohol	8.48	79	16772	1.50	ng	#	69
16) 2,2'-oxybis(1-Chloropropan	8.88	45	167	0.01	ng		64
17) 2-Methylphenol	8.57	107	64	0.01	ng	#	5
18) Hexachloroethane	9.27	117	103	0.02	ng	#	1
19) n-Nitroso-di-n-propylamine	8.94	70	105	0.01	ng	#	39
20) 3+4-Methylphenols	8.80	107	214	0.02	ng	#	26
22) Acetophenone	9.00	105	116	0.01	ng	#	3
24) Nitrobenzene	9.33	77	3598	0.24	ng	#	50
25) Isophorone	9.91	82	273	0.01	ng	#	47
26) 2-Nitrophenol	10.01	139	298	0.05	ng	#	15
27) 2,4-Dimethylphenol	10.15	122	298	0.03	ng	#	1
28) bis(2-Chloroethoxy)methane	10.40	93	62	0.00	ng	#	1
29) 2,4-Dichlorophenol	10.61	162	93	0.01	ng	#	21
30) 1,2,4-Trichlorobenzene	10.67	180	80	0.01	ng	#	5
31) Naphthalene	11.01	128	88	0.00	ng	#	1
33) 4-Chloroaniline	11.12	127	64	0.01	ng	#	20
34) Hexachlorobutadiene	11.38	225	99	0.01	ng	#	18
35) Caprolactam	11.87	113	149	0.05	ng	#	1
36) 4-Chloro-3-methylphenol	12.24	107	195	0.02	ng	#	26
37) 2-Methylnaphthalene	12.62	142	103	0.00	ng	#	1
39) 1,2,4,5-Tetrachlorobenzene	13.05	216	56	0.00	ng	#	1
40) Hexachlorocyclopentadiene	12.94	237	93	0.01	ng	#	26
42) 2,4,6-Trichlorophenol	13.23	196	148	0.01	ng	#	11

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.23	196	148	0.01	ng	#	12
45) 1,1'-Biphenyl	13.42	154	4500	0.14	ng	#	1
46) 2-Chloronaphthalene	13.68	162	59	0.00	ng	#	38
47) 2-Nitroaniline	13.89	65	82	0.01	ng	#	16
48) Acenaphthylene	14.51	152	57	0.00	ng	#	1
49) Dimethylphthalate	14.20	163	186	0.01	ng	#	77
50) 2,6-Dinitrotoluene	14.34	165	61	0.01	ng	#	9
51) Acenaphthene	14.84	154	84	0.00	ng	#	6
52) 3-Nitroaniline	14.74	138	119	0.02	ng	#	1
53) 2,4-Dinitrophenol	14.86	184	79	0.02	ng	#	1
54) Dibenzofuran	15.19	168	377	0.01	ng	#	39
55) 4-Nitrophenol	14.98	139	167	0.03	ng	#	1
56) 2,4-Dinitrotoluene	15.13	165	215	0.02	ng	#	14
57) Fluorene	15.82	166	72	0.00	ng	#	8
58) 2,3,4,6-Tetrachlorophenol	15.43	232	82	0.01	ng	#	29
59) Diethylphthalate	15.59	149	239	0.01	ng	#	57
60) 4-Chlorophenyl-phenylether	15.84	204	140	0.01	ng	#	26
61) 4-Nitroaniline	15.87	138	319	0.04	ng	#	1
62) Azobenzene	16.09	77	193	0.01	ng	#	73
64) 4,6-Dinitro-2-methylphenol	15.94	198	61	0.01	ng	#	33
65) n-Nitrosodiphenylamine	16.29	169	28876	0.86	ng	#	43
66) 4-Bromophenyl-phenylether	16.80	248	66	0.00	ng	#	42
67) Hexachlorobenzene	16.86	284	63	0.00	ng	#	40
68) Atrazine	16.99	200	148	0.01	ng	#	1
69) Pentachlorophenol	17.20	266	179	0.02	ng	#	18
70) Phenanthrene	17.56	178	537	0.01	ng	#	1
71) Anthracene	17.70	178	291	0.00	ng	#	31
72) Carbazole	17.96	167	135	0.00	ng	#	55
73) Di-n-butylphthalate	18.50	149	1331	0.02	ng	#	1
74) Fluoranthene	19.71	202	157	0.00	ng		69
76) Benzidine	19.81	184	376	0.03	ng	#	64
77) Pyrene	20.16	202	16247	0.23	ng	#	75
79) Butylbenzylphthalate	20.84	149	899	0.03	ng	#	35
80) Benzo(a)anthracene	21.85	228	5265	0.07	ng	#	61
81) 3,3'-Dichlorobenzidine	21.74	252	559	0.02	ng	#	24
82) Chrysene	21.89	228	766	0.01	ng	#	56
83) Bis(2-ethylhexyl)phthalate	21.72	149	187	0.00	ng	#	76
84) Di-n-octyl phthalate	22.98	149	1178	0.02	ng	#	1
85) Indeno(1,2,3-cd)pyrene	29.06	276	428	0.00	ng	#	100
87) Benzo(b)fluoranthene	24.11	252	799	0.01	ng	#	56
88) Benzo(k)fluoranthene	24.19	252	935	0.01	ng	#	61
89) Benzo(a)pyrene	25.04	252	1264	0.02	ng	#	70
90) Dibenzo(a,h)anthracene	29.11	278	491	0.01	ng	#	1
91) Benzo(g,h,i)perylene	30.25	276	327	0.00	ng	#	8

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

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