Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052815\
Data File : BG017325.D
Acq On : 28 May 2015 15:05
Operator : TP/IZ
Sample : G2387-10MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-18-D13MSD

Manual Integrations APPROVED
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5/29/2015 5:44:02 PM

Quant Time: May 29 01:25:06 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 01:04:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	23352	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	99070	20.00	ng		0.00
38) Acenaphthene-d10	14.32	164	67189	20.00	ng		0.00
63) Phenanthrene-d10	17.06	188	151145	20.00	ng		0.00
75) Chrysene-d12	21.25	240	176634	20.00	ng		0.00
86) Perylene-d12	23.49	264	172864	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	183495	139.41	ng		0.00
7) Phenol-d6	6.86	99	251695	136.27	ng		0.00
23) Nitrobenzene-d5	8.82	82	162052	76.37	ng		0.00
41) 2,4,6-Tribromophenol	15.81	330	111499	137.28	ng		0.00
44) 2-Fluorobiphenyl	12.93	172	332226	72.56	ng		0.00
78) Terphenyl-d14	19.70	244	627453	74.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.11	88	18246	35.14	ng		95
3) Pyridine	3.51	79	55319	35.21	ng		93
4) n-Nitrosodimethylamine	3.43	42	42380	35.54	ng		98
6) Aniline	6.99	93	68950	26.98	ng		97
8) 2-Chlorophenol	7.23	128	67869	43.10	ng		96
9) Benzaldehyde	6.80	77	9150	7.53	ng	#	77
10) Phenol	6.89	94	90727	46.32	ng		99
11) bis(2-Chloroethyl)ether	7.09	93	61540	41.90	ng		99
12) 1,3-Dichlorobenzene	7.54	146	65282	37.12	ng		95
13) 1,4-Dichlorobenzene	7.69	146	67441	37.99	ng		95
14) 1,2-Dichlorobenzene	8.00	146	63889	37.68	ng		92
15) Benzyl Alcohol	7.90	79	71004	39.57	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.20	45	100549	42.22	ng		97
17) 2-Methylphenol	8.13	107	60573	42.65	ng		94
18) Hexachloroethane	8.73	117	26962	36.36	ng		92
19) n-Nitroso-di-n-propylamine	8.47	70	59905	37.23	ng		94
20) 3+4-Methylphenols	8.46	107	82171	41.63	ng		91
22) Acetophenone	8.48	105	102476	42.62	ng		97
24) Nitrobenzene	8.86	77	86393	41.61	ng	#	97
25) Isophorone	9.38	82	156934	40.12	ng		98
26) 2-Nitrophenol	9.57	139	38673	41.67	ng		92
27) 2,4-Dimethylphenol	9.65	122	67933	44.47	ng		98
28) bis(2-Chloroethoxy)methane	9.87	93	78989	41.48	ng		96
29) 2,4-Dichlorophenol	10.12	162	66316	46.02	ng		93
30) 1,2,4-Trichlorobenzene	10.32	180	63799	39.03	ng		98
31) Naphthalene	10.50	128	194356	40.09	ng	#	97
32) Benzoic acid	9.77	122	11091	10.71	ng		89
33) 4-Chloroaniline	10.62	127	50438	22.00	ng		97
34) Hexachlorobutadiene	10.78	225	39425	38.09	ng		91
35) Caprolactam	11.39	113	30531m	42.14	ng		
36) 4-Chloro-3-methylphenol	11.77	107	80446	44.18	ng		99
37) 2-Methylnaphthalene	12.12	142	147069	38.25	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.49	216	73967	38.91	ng		99
40) Hexachlorocyclopentadiene	12.47	237	82692	71.31	ng		96

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 01:04:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	57675	42.77	ng		96
43) 2,4,5-Trichlorophenol	12.83	196	62058	44.67	ng		95
45) 1,1'-Biphenyl	13.14	154	189212	39.10	ng		96
46) 2-Chloronaphthalene	13.18	162	149415	39.00	ng		95
47) 2-Nitroaniline	13.40	65	63209	42.40	ng		98
48) Acenaphthylene	14.04	152	258841	39.44	ng		98
49) Dimethylphthalate	13.78	163	246274	46.88	ng		99
50) 2,6-Dinitrotoluene	13.90	165	48461	41.63	ng		97
51) Acenaphthene	14.38	154	151671	39.13	ng		99
52) 3-Nitroaniline	14.23	138	36673	28.39	ng		95
53) 2,4-Dinitrophenol	14.44	184	39616	58.61	ng		96
54) Dibenzofuran	14.72	168	234836	40.75	ng		98
55) 4-Nitrophenol	14.59	139	90527	87.04	ng		95
56) 2,4-Dinitrotoluene	14.69	165	73378	45.19	ng		92
57) Fluorene	15.36	166	201758	39.56	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.95	232	58361	45.77	ng		96
59) Diethylphthalate	15.15	149	229966	40.75	ng		99
60) 4-Chlorophenyl-phenylether	15.36	204	102549	39.14	ng		99
61) 4-Nitroaniline	15.41	138	61740	42.84	ng		98
62) Azobenzene	15.66	77	219377	40.69	ng		96
64) 4,6-Dinitro-2-methylphenol	15.46	198	39587	38.21	ng		94
65) n-Nitrosodiphenylamine	15.58	169	184006	39.66	ng		99
66) 4-Bromophenyl-phenylether	16.26	248	62468	37.90	ng		98
67) Hexachlorobenzene	16.37	284	67559	38.84	ng		95
68) Atrazine	16.54	200	81036	47.74	ng		96
69) Pentachlorophenol	16.72	266	91214	84.00	ng		94
70) Phenanthrene	17.10	178	310079	39.78	ng		100
71) Anthracene	17.20	178	318471	40.32	ng		98
72) Carbazole	17.47	167	326509	44.98	ng		98
73) Di-n-butylphthalate	18.04	149	401003	41.29	ng		97
74) Fluoranthene	19.12	202	391447	41.82	ng		96
76) Benzidine	19.32	184	206292	35.77	ng		97
77) Pyrene	19.49	202	401484	37.05	ng		99
79) Butylbenzylphthalate	20.39	149	184237	37.39	ng		97
80) Benzo(a)anthracene	21.23	228	396769	39.20	ng		99
81) 3,3'-Dichlorobenzidine	21.18	252	103358	26.39	ng		97
82) Chrysene	21.29	228	366896	38.92	ng		98
83) Bis(2-ethylhexyl)phthalate	21.17	149	281169	40.15	ng		99
84) Di-n-octyl phthalate	22.04	149	467610	40.11	ng		97
85) Indeno(1,2,3-cd)pyrene	25.78	276	439021	38.91	ng		99
87) Benzo(b)fluoranthene	22.81	252	390689m	38.77	ng		
88) Benzo(k)fluoranthene	22.86	252	379037	39.62	ng		100
89) Benzo(a)pyrene	23.40	252	369545	39.94	ng		99
90) Dibenzo(a,h)anthracene	25.79	278	374908	39.46	ng	#	97
91) Benzo(g,h,i)perylene	26.49	276	350151	39.16	ng	#	96

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

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