Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052815\
Data File : BG017324.D
Acq On : 28 May 2015 14:30
Operator : TP/IZ
Sample : G2387-09MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-18-D13MS

Manual Integrations APPROVED
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5/29/2015 5:43:58 PM

Quant Time: May 29 01:23:07 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	21549	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	90927	20.00	ng		0.00
38) Acenaphthene-d10	14.31	164	61543	20.00	ng		0.00
63) Phenanthrene-d10	17.06	188	148421	20.00	ng		0.00
75) Chrysene-d12	21.25	240	177102	20.00	ng		0.00
86) Perylene-d12	23.49	264	171485	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	192570	158.55	ng		0.00
7) Phenol-d6	6.86	99	263586	154.65	ng		0.00
23) Nitrobenzene-d5	8.82	82	172206	88.42	ng		0.00
41) 2,4,6-Tribromophenol	15.81	330	124044	166.74	ng		0.00
44) 2-Fluorobiphenyl	12.93	172	356470	84.99	ng		0.00
78) Terphenyl-d14	19.70	244	704448	82.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	18372	38.34	ng		97
3) Pyridine	3.51	79	54886	37.86	ng		94
4) n-Nitrosodimethylamine	3.43	42	42614	38.73	ng		94
6) Aniline	6.99	93	82339	34.92	ng		95
8) 2-Chlorophenol	7.23	128	70932	48.82	ng		97
9) Benzaldehyde	6.79	77	8990	8.01	ng		93
10) Phenol	6.89	94	93542	51.75	ng		96
11) bis(2-Chloroethyl)ether	7.09	93	65912	48.63	ng		99
12) 1,3-Dichlorobenzene	7.54	146	67156	41.38	ng		99
13) 1,4-Dichlorobenzene	7.69	146	69676	42.54	ng		95
14) 1,2-Dichlorobenzene	8.00	146	68307	43.66	ng		96
15) Benzyl Alcohol	7.90	79	74552	45.02	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.20	45	104935	47.75	ng		99
17) 2-Methylphenol	8.13	107	64677	49.35	ng		91
18) Hexachloroethane	8.73	117	29698	43.41	ng		87
19) n-Nitroso-di-n-propylamine	8.47	70	62429	42.04	ng		95
20) 3+4-Methylphenols	8.46	107	88101	48.37	ng		95
22) Acetophenone	8.48	105	108368	49.11	ng	#	95
24) Nitrobenzene	8.86	77	89985	47.22	ng		95
25) Isophorone	9.38	82	167085	46.55	ng		98
26) 2-Nitrophenol	9.57	139	40134	47.12	ng	#	88
27) 2,4-Dimethylphenol	9.65	122	71296	50.85	ng		99
28) bis(2-Chloroethoxy)methane	9.87	93	84182	48.17	ng		96
29) 2,4-Dichlorophenol	10.11	162	71433	54.01	ng		96
30) 1,2,4-Trichlorobenzene	10.31	180	68350	45.55	ng		94
31) Naphthalene	10.50	128	203675	45.78	ng	#	97
32) Benzoic acid	9.77	122	12165	12.80	ng	#	81
33) 4-Chloroaniline	10.62	127	63577	30.21	ng		96
34) Hexachlorobutadiene	10.78	225	40806	42.95	ng		97
35) Caprolactam	11.39	113	34270m	51.54	ng		
36) 4-Chloro-3-methylphenol	11.78	107	91647	54.84	ng		98
37) 2-Methylnaphthalene	12.12	142	154882	43.89	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.49	216	76274	43.80	ng		99
40) Hexachlorocyclopentadiene	12.47	237	87078	81.99	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	62169	50.33	ng	98
43) 2,4,5-Trichlorophenol	12.83	196	66166	51.99	ng	97
45) 1,1'-Biphenyl	13.15	154	196602	44.35	ng	99
46) 2-Chloronaphthalene	13.19	162	157583	44.90	ng	98
47) 2-Nitroaniline	13.40	65	69439	50.85	ng	91
48) Acenaphthylene	14.04	152	270044	44.92	ng	99
49) Dimethylphthalate	13.78	163	268143	55.72	ng	99
50) 2,6-Dinitrotoluene	13.90	165	52726	49.44	ng	96
51) Acenaphthene	14.38	154	157471	44.35	ng	97
52) 3-Nitroaniline	14.23	138	43431	36.71	ng	99
53) 2,4-Dinitrophenol	14.44	184	43106	69.62	ng	97
54) Dibenzofuran	14.71	168	245507	46.51	ng	98
55) 4-Nitrophenol	14.59	139	102829	107.94	ng	95
56) 2,4-Dinitrotoluene	14.69	165	77960	52.41	ng	94
57) Fluorene	15.37	166	213751	45.75	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.95	232	63001	53.94	ng	95
59) Diethylphthalate	15.15	149	247655	47.91	ng	99
60) 4-Chlorophenyl-phenylether	15.36	204	107683	44.87	ng	98
61) 4-Nitroaniline	15.41	138	70384	53.32	ng	91
62) Azobenzene	15.65	77	234914	47.57	ng	96
64) 4,6-Dinitro-2-methylphenol	15.45	198	43284	42.55	ng	96
65) n-Nitrosodiphenylamine	15.58	169	197168	43.27	ng	97
66) 4-Bromophenyl-phenylether	16.26	248	68592	42.37	ng	91
67) Hexachlorobenzene	16.37	284	73119	42.81	ng	96
68) Atrazine	16.54	200	90509	54.30	ng	96
69) Pentachlorophenol	16.72	266	103127	96.71	ng	94
70) Phenanthrene	17.11	178	338081	44.17	ng	99
71) Anthracene	17.20	178	347076	44.75	ng	98
72) Carbazole	17.48	167	357927	50.22	ng	98
73) Di-n-butylphthalate	18.03	149	443744	46.53	ng	99
74) Fluoranthene	19.13	202	427559	46.52	ng	98
76) Benzidine	19.32	184	233496	40.38	ng	97
77) Pyrene	19.49	202	438395	40.35	ng	98
79) Butylbenzylphthalate	20.40	149	203780	41.25	ng	95
80) Benzo(a)anthracene	21.24	228	428554	42.23	ng	99
81) 3,3'-Dichlorobenzidine	21.18	252	127111	32.36	ng	99
82) Chrysene	21.29	228	394426	41.72	ng	98
83) Bis(2-ethylhexyl)phthalate	21.17	149	310787	44.26	ng	97
84) Di-n-octyl phthalate	22.04	149	513296	43.91	ng	98
85) Indeno(1,2,3-cd)pyrene	25.78	276	475359	42.02	ng	99
87) Benzo(b)fluoranthene	22.82	252	431257	43.14	ng	99
88) Benzo(k)fluoranthene	22.86	252	412862	43.50	ng	99
89) Benzo(a)pyrene	23.40	252	401992	43.79	ng	98
90) Dibenzo(a,h)anthracene	25.80	278	404494	42.92	ng	98
91) Benzo(g,h,i)perylene	26.49	276	378785	42.70	ng	97

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

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