Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060415\
Data File : BG017466.D
Acq On : 5 Jun 2015 7:42
Operator : TP/IZ
Sample : G2450-30MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AVE-E-C12.3(5)MS

Manual Integrations APPROVED
apatel
6/5/2015 5:15:30 PM

Quant Time: Jun 05 15:20:37 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 04 01:31:15 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	21624	20.00	ng		0.00
21) Naphthalene-d8	10.42	136	94245	20.00	ng		0.00
38) Acenaphthene-d10	14.29	164	64954	20.00	ng		0.00
63) Phenanthrene-d10	17.04	188	154611	20.00	ng		0.00
75) Chrysene-d12	21.24	240	176912	20.00	ng		0.00
86) Perylene-d12	23.47	264	174255	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	205666	167.56	ng		0.01
7) Phenol-d6	6.85	99	282519	168.96	ng		0.01
23) Nitrobenzene-d5	8.79	82	176998	93.75	ng		0.00
41) 2,4,6-Tribromophenol	15.80	330	143753	159.34	ng		0.00
44) 2-Fluorobiphenyl	12.91	172	408413	94.85	ng		0.00
78) Terphenyl-d14	19.68	244	716798	83.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.07	88	17142	31.03	ng		91
3) Pyridine	3.47	79	51009	34.57	ng		99
4) n-Nitrosodimethylamine	3.39	42	43565	45.04	ng	#	89
6) Aniline	6.96	93	38255	17.04	ng		91
8) 2-Chlorophenol	7.21	128	72385	49.87	ng		98
9) Benzaldehyde	6.77	77	5648	4.98	ng		86
10) Phenol	6.87	94	92830	54.05	ng		95
11) bis(2-Chloroethyl)ether	7.06	93	57384	43.85	ng		98
12) 1,3-Dichlorobenzene	7.51	146	67308	41.48	ng		96
13) 1,4-Dichlorobenzene	7.66	146	68634	40.37	ng		96
14) 1,2-Dichlorobenzene	7.98	146	68486	43.03	ng		93
15) Benzyl Alcohol	7.88	79	70180	45.08	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.17	45	90517	41.04	ng		98
17) 2-Methylphenol	8.11	107	65384	50.17	ng		91
18) Hexachloroethane	8.70	117	28580	42.13	ng		92
19) n-Nitroso-di-n-propylamine	8.44	70	57888	40.92	ng		92
20) 3+4-Methylphenols	8.44	107	88816	49.26	ng	#	66
22) Acetophenone	8.45	105	101417	43.90	ng	#	90
24) Nitrobenzene	8.84	77	86152	43.96	ng		97
25) Isophorone	9.35	82	146253	37.04	ng		99
26) 2-Nitrophenol	9.54	139	41097	45.21	ng		97
27) 2,4-Dimethylphenol	9.63	122	74252	50.24	ng		97
28) bis(2-Chloroethoxy)methane	9.84	93	76507	42.41	ng		94
29) 2,4-Dichlorophenol	10.10	162	81318	56.46	ng		96
30) 1,2,4-Trichlorobenzene	10.29	180	74430	43.95	ng		98
31) Naphthalene	10.47	128	205634	41.76	ng		100
32) Benzoic acid	9.76	122	5462	5.85	ng	#	77
33) 4-Chloroaniline	10.60	127	14492	6.63	ng	#	95
34) Hexachlorobutadiene	10.75	225	48428	43.93	ng		99
35) Caprolactam	11.38	113	31504m	39.74	ng		
36) 4-Chloro-3-methylphenol	11.77	107	94399	50.37	ng		87
37) 2-Methylnaphthalene	12.09	142	166334	43.95	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.47	216	90260	45.67	ng		97
40) Hexachlorocyclopentadiene	12.45	237	35817	34.90	ng		100

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Quant Time: Jun 05 15:20:37 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 04 01:31:15 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.73	196	67084m	47.40	ng	
43) 2,4,5-Trichlorophenol	12.84	196	78461	50.61	ng	93
45) 1,1'-Biphenyl	13.12	154	213329	44.94	ng	99
46) 2-Chloronaphthalene	13.16	162	173010	43.58	ng	97
47) 2-Nitroaniline	13.38	65	66194	45.16	ng	97
48) Acenaphthylene	14.01	152	284332	40.66	ng	99
49) Dimethylphthalate	13.76	163	254652	45.04	ng	99
50) 2,6-Dinitrotoluene	13.88	165	52213	41.10	ng	89
51) Acenaphthene	14.36	154	168686	40.92	ng	97
52) 3-Nitroaniline	14.22	138	29720	21.60	ng	97
53) 2,4-Dinitrophenol	14.43	184	26090	36.88	ng	95
54) Dibenzofuran	14.69	168	263555	43.34	ng	94
55) 4-Nitrophenol	14.61	139	81149	73.99	ng	97
56) 2,4-Dinitrotoluene	14.67	165	77282	42.70	ng	92
57) Fluorene	15.35	166	231945	42.06	ng	98
58) 2,3,4,6-Tetrachlorophenol	14.94	232	64412	45.55	ng	98
59) Diethylphthalate	15.13	149	243529	39.68	ng	100
60) 4-Chlorophenyl-phenylether	15.34	204	126242	45.18	ng	97
61) 4-Nitroaniline	15.39	138	50619	33.41	ng	89
62) Azobenzene	15.63	77	242024	41.49	ng	95
64) 4,6-Dinitro-2-methylphenol	15.44	198	41128	35.88	ng	94
65) n-Nitrosodiphenylamine	15.56	169	209113	45.35	ng	96
66) 4-Bromophenyl-phenylether	16.24	248	78610	45.93	ng	93
67) Hexachlorobenzene	16.35	284	83676	45.48	ng	97
68) Atrazine	16.52	200	84651	41.71	ng	97
69) Pentachlorophenol	16.71	266	79921	71.58	ng	92
70) Phenanthrene	17.08	178	357007	41.41	ng	99
71) Anthracene	17.18	178	365269	42.41	ng	97
72) Carbazole	17.45	167	338059	39.76	ng	98
73) Di-n-butylphthalate	18.02	149	438838	40.30	ng	99
74) Fluoranthene	19.11	202	431591	38.29	ng	98
76) Benzidine	19.31	184	89809	14.77	ng	100
77) Pyrene	19.48	202	448219	41.13	ng	99
79) Butylbenzylphthalate	20.38	149	204218	43.30	ng	99
80) Benzo(a)anthracene	21.22	228	449845	41.34	ng	98
81) 3,3'-Dichlorobenzidine	21.16	252	80261	19.74	ng	97
82) Chrysene	21.27	228	422153	42.85	ng	99
83) Bis(2-ethylhexyl)phthalate	21.15	149	292991	43.08	ng	99
84) Di-n-octyl phthalate	22.03	149	493771	43.30	ng	97
85) Indeno(1,2,3-cd)pyrene	25.76	276	519737	42.01	ng	97
87) Benzo(b)fluoranthene	22.80	252	451496	40.89	ng	99
88) Benzo(k)fluoranthene	22.84	252	446606	42.26	ng	99
89) Benzo(a)pyrene	23.38	252	428314	42.29	ng	98
90) Dibenzo(a,h)anthracene	25.76	278	443280	42.13	ng	98
91) Benzo(g,h,i)perylene	26.45	276	417773	41.71	ng	97

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

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