Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042015\
Data File : BG016555.D
Acq On : 20 Apr 2015 17:32
Operator : TP/IZ
Sample : G1868-04MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P5-28(0-5)MSD

Manual Integrations APPROVED
apatel
4/21/2015 5:05:45 PM

Quant Time: Apr 21 02:08:16 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 21 01:34:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	81340	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	370727	20.00	ng	0.00
38) Acenaphthene-d10	14.30	164	218925	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	432873	20.00	ng	0.00
75) Chrysene-d12	21.21	240	367999	20.00	ng	0.00
86) Perylene-d12	23.43	264	350792	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	583207	113.16	ng	0.00
7) Phenol-d6	6.85	99	830699	107.37	ng	0.02
23) Nitrobenzene-d5	8.81	82	423827	66.23	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	166024	112.14	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	933623	72.61	ng	0.00
78) Terphenyl-d14	19.66	244	1023292	65.08	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	62457	26.66	ng	99
3) Pyridine	3.52	79	179011	25.56	ng	96
4) n-Nitrosodimethylamine	3.44	42	61324	29.46	ng	98
6) Aniline	6.99	93	151087	13.67	ng	95
8) 2-Chlorophenol	7.22	128	226506	36.60	ng	93
9) Benzaldehyde	6.79	77	37625	8.30	ng	94
10) Phenol	6.87	94	287969	34.79	ng	100
11) bis(2-Chloroethyl)ether	7.09	93	200694	30.40	ng	96
12) 1,3-Dichlorobenzene	7.54	146	209193	33.47	ng	98
13) 1,4-Dichlorobenzene	7.69	146	211576	32.63	ng	97
14) 1,2-Dichlorobenzene	8.01	146	206994	33.38	ng	98
15) Benzyl Alcohol	7.90	79	166708	30.91	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.19	45	209365	28.16	ng	95
17) 2-Methylphenol	8.11	107	189181	34.08	ng	99
18) Hexachloroethane	8.72	117	77074	31.07	ng	95
19) n-Nitroso-di-n-propylamine	8.46	70	152998	27.60	ng	97
20) 3+4-Methylphenols	8.44	107	261623	34.03	ng	99
22) Acetophenone	8.48	105	289802	33.71	ng	100
24) Nitrobenzene	8.85	77	210161	30.71	ng	91
25) Isophorone	9.37	82	421955	29.69	ng	95
26) 2-Nitrophenol	9.56	139	125626	39.37	ng	94
27) 2,4-Dimethylphenol	9.63	122	219897	36.99	ng	97
28) bis(2-Chloroethoxy)methane	9.86	93	257984	31.80	ng	99
29) 2,4-Dichlorophenol	10.10	162	195331	41.53	ng	98
30) 1,2,4-Trichlorobenzene	10.30	180	179778	36.61	ng	97
31) Naphthalene	10.48	128	649934	33.64	ng	99
32) Benzoic acid	9.74	122	23185	13.62	ng	92
33) 4-Chloroaniline	10.61	127	97308	10.73	ng	95
34) Hexachlorobutadiene	10.77	225	76724	35.57	ng	98
35) Caprolactam	11.38	113	103048m	34.80	ng	
36) 4-Chloro-3-methylphenol	11.75	107	228643	36.80	ng	96
37) 2-Methylnaphthalene	12.11	142	481844	34.67	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.48	216	169711	35.21	ng	99
40) Hexachlorocyclopentadiene	12.45	237	124251	56.32	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.73	196	136850	38.21	ng	99
43) 2,4,5-Trichlorophenol	12.81	196	148943	38.92	ng	97
45) 1,1'-Biphenyl	13.13	154	582905	34.71	ng	98
46) 2-Chloronaphthalene	13.16	162	441622	34.52	ng	99
47) 2-Nitroaniline	13.38	65	130077	31.55	ng	88
48) Acenaphthylene	14.02	152	755288	33.20	ng	99
49) Dimethylphthalate	13.76	163	585631	36.50	ng	99
50) 2,6-Dinitrotoluene	13.88	165	134910	34.76	ng	95
51) Acenaphthene	14.36	154	454704	33.45	ng	99
52) 3-Nitroaniline	14.21	138	75496	15.23	ng	94
53) 2,4-Dinitrophenol	14.42	184	89054	43.82	ng	96
54) Dibenzofuran	14.70	168	658490	34.91	ng	97
55) 4-Nitrophenol	14.54	139	265940	64.93	ng	97
56) 2,4-Dinitrotoluene	14.67	165	187036	35.39	ng	90
57) Fluorene	15.34	166	567900	34.12	ng	100
58) 2,3,4,6-Tetrachlorophenol	14.93	232	109407	37.05	ng	92
59) Diethylphthalate	15.13	149	565997	33.14	ng	99
60) 4-Chlorophenyl-phenylether	15.34	204	234078	34.38	ng	96
61) 4-Nitroaniline	15.38	138	165392	29.40	ng	99
62) Azobenzene	15.63	77	550962	30.31	ng	97
64) 4,6-Dinitro-2-methylphenol	15.44	198	90963	31.32	ng	89
65) n-Nitrosodiphenylamine	15.56	169	503122	34.38	ng	99
66) 4-Bromophenyl-phenylether	16.23	248	123252	35.66	ng	99
67) Hexachlorobenzene	16.34	284	123322	34.33	ng	99
68) Atrazine	16.51	200	156679	38.42	ng	99
69) Pentachlorophenol	16.70	266	132563	60.44	ng	97
70) Phenanthrene	17.08	178	827858	34.00	ng	99
71) Anthracene	17.17	178	838397	34.75	ng	100
72) Carbazole	17.44	167	850393	35.12	ng	99
73) Di-n-butylphthalate	18.00	149	1010656	34.11	ng	100
74) Fluoranthene	19.09	202	850317	33.88	ng	97
76) Benzidine	19.29	184	274548	17.59	ng	98
77) Pyrene	19.46	202	875611	34.17	ng	100
79) Butylbenzylphthalate	20.36	149	467017	37.10	ng	97
80) Benzo(a)anthracene	21.20	228	759421	34.92	ng	99
81) 3,3'-Dichlorobenzidine	21.14	252	124607	17.42	ng	98
82) Chrysene	21.25	228	714463	34.03	ng	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	647365	37.98	ng	99
84) Di-n-octyl phthalate	21.99	149	1086557	39.13	ng	98
85) Indeno(1,2,3-cd)pyrene	25.70	276	794684	36.43	ng	98
87) Benzo(b)fluoranthene	22.76	252	720438	35.07	ng	99
88) Benzo(k)fluoranthene	22.81	252	690424	34.34	ng	98
89) Benzo(a)pyrene	23.34	252	697054	36.20	ng	99
90) Dibenzo(a,h)anthracene	25.71	278	660067	35.23	ng	97
91) Benzo(g,h,i)perylene	26.39	276	676957	36.17	ng	97

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

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