Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042315\
Data File : BG016683.D
Acq On : 24 Apr 2015 11:30
Operator : TP/IZ
Sample : G1938-14MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-77DMSD

Manual Integrations APPROVED
apatel
4/24/2015 3:30:29 PM

Quant Time: Apr 24 14:29:17 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 19:19:11 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	53623	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	235982	20.00	ng	0.00
38) Acenaphthene-d10	14.25	164	134047	20.00	ng	0.00
63) Phenanthrene-d10	17.00	188	284132	20.00	ng	0.00
75) Chrysene-d12	21.18	240	267776	20.00	ng	0.00
86) Perylene-d12	23.39	264	247403	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	374576	113.35	ng	0.00
7) Phenol-d6	6.80	99	523327	112.89	ng	0.00
23) Nitrobenzene-d5	8.76	82	252820	67.70	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	109634	110.25	ng	0.00
44) 2-Fluorobiphenyl	12.87	172	555426	66.57	ng	0.00
78) Terphenyl-d14	19.63	244	686428	59.05	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.05	88	42310	29.56	ng	98
3) Pyridine	3.45	79	114475	28.17	ng	99
4) n-Nitrosodimethylamine	3.38	42	37915	31.62	ng	92
6) Aniline	6.93	93	134941	21.23	ng	99
8) 2-Chlorophenol	7.17	128	142840	34.97	ng	98
9) Benzaldehyde	6.74	77	13595	7.18	ng	89
10) Phenol	6.82	94	184061	37.67	ng	99
11) bis(2-Chloroethyl)ether	7.03	93	124732	32.70	ng	98
12) 1,3-Dichlorobenzene	7.48	146	134025	31.73	ng	98
13) 1,4-Dichlorobenzene	7.63	146	135602	31.41	ng	100
14) 1,2-Dichlorobenzene	7.95	146	132513	32.15	ng	98
15) Benzyl Alcohol	7.85	79	100656	34.60	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.14	45	121467	34.02	ng	99
17) 2-Methylphenol	8.06	107	119777	36.66	ng	98
18) Hexachloroethane	8.66	117	48891	32.12	ng	98
19) n-Nitroso-di-n-propylamine	8.41	70	90675	31.38	ng	98
20) 3+4-Methylphenols	8.39	107	160918	35.03	ng	99
22) Acetophenone	8.42	105	181345	35.01	ng	97
24) Nitrobenzene	8.80	77	129380	32.99	ng	100
25) Isophorone	9.32	82	250437	32.36	ng	100
26) 2-Nitrophenol	9.50	139	77279	33.96	ng	99
27) 2,4-Dimethylphenol	9.58	122	139206	36.63	ng	97
28) bis(2-Chloroethoxy)methane	9.80	93	157381	33.70	ng	99
29) 2,4-Dichlorophenol	10.04	162	122801	38.01	ng	98
30) 1,2,4-Trichlorobenzene	10.24	180	113641	33.20	ng	98
31) Naphthalene	10.43	128	414313	33.30	ng	99
32) Benzoic acid	9.72	122	12513	13.81	ng	97
33) 4-Chloroaniline	10.55	127	115337	20.12	ng	97
34) Hexachlorobutadiene	10.71	225	48610	31.79	ng	98
35) Caprolactam	11.31	113	59091m	33.93	ng	
36) 4-Chloro-3-methylphenol	11.70	107	134926	35.92	ng	100
37) 2-Methylnaphthalene	12.05	142	298580	33.23	ng	100
39) 1,2,4,5-Tetrachlorobenzene	12.42	216	104172	32.62	ng	99
40) Hexachlorocyclopentadiene	12.40	237	64981	55.00	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	82152	35.21	ng	99
43) 2,4,5-Trichlorophenol	12.76	196	89878	36.40	ng	99
45) 1,1'-Biphenyl	13.08	154	361802	34.37	ng	100
46) 2-Chloronaphthalene	13.12	162	273607	33.81	ng	98
47) 2-Nitroaniline	13.34	65	79199	35.88	ng	98
48) Acenaphthylene	13.97	152	471083	33.24	ng	99
49) Dimethylphthalate	13.71	163	388678	38.76	ng	100
50) 2,6-Dinitrotoluene	13.84	165	83082	33.76	ng	99
51) Acenaphthene	14.31	154	284622	33.46	ng	99
52) 3-Nitroaniline	14.17	138	76139	25.60	ng	99
53) 2,4-Dinitrophenol	14.38	184	44758	37.88	ng	96
54) Dibenzofuran	14.65	168	413194	34.44	ng	99
55) 4-Nitrophenol	14.51	139	161984	72.69	ng	97
56) 2,4-Dinitrotoluene	14.63	165	118214	35.07	ng	98
57) Fluorene	15.30	166	361811	34.50	ng	100
58) 2,3,4,6-Tetrachlorophenol	14.89	232	66560	35.62	ng	100
59) Diethylphthalate	15.08	149	349556	33.45	ng	99
60) 4-Chlorophenyl-phenylether	15.30	204	147073	33.57	ng	99
61) 4-Nitroaniline	15.33	138	110995	33.74	ng	97
62) Azobenzene	15.59	77	340552	35.68	ng	98
64) 4,6-Dinitro-2-methylphenol	15.40	198	52319	27.21	ng	95
65) n-Nitrosodiphenylamine	15.51	169	321527	33.01	ng	99
66) 4-Bromophenyl-phenylether	16.19	248	78834	33.20	ng	97
67) Hexachlorobenzene	16.30	284	80039	32.78	ng	98
68) Atrazine	16.47	200	100932	38.60	ng	99
69) Pentachlorophenol	16.65	266	80841	68.18	ng	98
70) Phenanthrene	17.04	178	554055	33.94	ng	100
71) Anthracene	17.12	178	551127	33.94	ng	99
72) Carbazole	17.40	167	582011	35.78	ng	98
73) Di-n-butylphthalate	17.96	149	671744	34.65	ng	99
74) Fluoranthene	19.06	202	603899	34.92	ng	98
76) Benzidine	19.25	184	282695	31.00	ng	99
77) Pyrene	19.42	202	620726	33.00	ng	98
79) Butylbenzylphthalate	20.32	149	320300	34.61	ng	99
80) Benzo(a)anthracene	21.17	228	532475	32.79	ng	98
81) 3,3'-Dichlorobenzidine	21.10	252	133951	25.31	ng	97
82) Chrysene	21.21	228	504615	32.42	ng	99
83) Bis(2-ethylhexyl)phthalate	21.10	149	451446	35.86	ng	98
84) Di-n-octyl phthalate	21.96	149	728019	34.72	ng	100
85) Indeno(1,2,3-cd)pyrene	25.63	276	543764	32.05	ng	99
87) Benzo(b)fluoranthene	22.72	252	491177	32.68	ng	99
88) Benzo(k)fluoranthene	22.77	252	494258	33.70	ng	99
89) Benzo(a)pyrene	23.29	252	482675	34.08	ng	99
90) Dibenzo(a,h)anthracene	25.63	278	445058	32.32	ng	97
91) Benzo(g,h,i)perylene	26.31	276	453271	32.35	ng	99

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

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