Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
Data File : BG017282.D
Acq On : 26 May 2015 18:02
Operator : TP/IZ
Sample : G2383-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HF-1(18-19)MSD

Manual Integrations APPROVED
apatel
5/27/2015 2:58:02 PM

Quant Time: May 27 03:51:57 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 27 03:15:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	25346	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	104463	20.00	ng		0.00
38) Acenaphthene-d10	14.32	164	70937	20.00	ng		0.00
63) Phenanthrene-d10	17.07	188	172449	20.00	ng		0.00
75) Chrysene-d12	21.26	240	195949	20.00	ng		0.00
86) Perylene-d12	23.50	264	186266	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	142387	99.67	ng		0.00
7) Phenol-d6	6.87	99	194082	96.81	ng		0.00
23) Nitrobenzene-d5	8.82	82	127199	56.85	ng		0.00
41) 2,4,6-Tribromophenol	15.82	330	96138	112.11	ng		0.00
44) 2-Fluorobiphenyl	12.94	172	262582	54.32	ng		0.00
78) Terphenyl-d14	19.70	244	537188	57.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	14706	26.09	ng		96
3) Pyridine	3.52	79	20288	11.90	ng		97
4) n-Nitrosodimethylamine	3.44	42	32660	25.23	ng	#	86
6) Aniline	7.00	93	59262	21.37	ng		95
8) 2-Chlorophenol	7.24	128	53007	31.02	ng		94
9) Benzaldehyde	6.80	77	8308	4.85	ng		89
10) Phenol	6.90	94	70431	33.13	ng		96
11) bis(2-Chloroethyl)ether	7.10	93	47130	29.56	ng		96
12) 1,3-Dichlorobenzene	7.55	146	50991	26.72	ng		97
13) 1,4-Dichlorobenzene	7.70	146	53824	27.94	ng		92
14) 1,2-Dichlorobenzene	8.01	146	50378	27.38	ng		98
15) Benzyl Alcohol	7.91	79	56822	29.17	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.21	45	76622	29.64	ng		98
17) 2-Methylphenol	8.14	107	46234	29.99	ng		99
18) Hexachloroethane	8.74	117	21081	26.20	ng		93
19) n-Nitroso-di-n-propylamine	8.47	70	46125	26.41	ng		97
20) 3+4-Methylphenols	8.46	107	64571	30.14	ng		92
22) Acetophenone	8.49	105	79284	31.27	ng		98
24) Nitrobenzene	8.86	77	67318	30.75	ng		97
25) Isophorone	9.39	82	121886	29.55	ng	#	97
26) 2-Nitrophenol	9.58	139	30958	31.63	ng	#	86
27) 2,4-Dimethylphenol	9.66	122	52911	32.85	ng		97
28) bis(2-Chloroethoxy)methane	9.87	93	61898	30.83	ng	#	94
29) 2,4-Dichlorophenol	10.12	162	53028	34.90	ng		98
30) 1,2,4-Trichlorobenzene	10.32	180	51484	29.87	ng		95
31) Naphthalene	10.50	128	156469	30.61	ng		98
32) Benzoic acid	9.77	122	12356	11.32	ng	#	80
33) 4-Chloroaniline	10.63	127	62249	25.75	ng		96
34) Hexachlorobutadiene	10.79	225	32512	29.79	ng		98
35) Caprolactam	11.40	113	25004m	32.73	ng		
36) 4-Chloro-3-methylphenol	11.78	107	68108	35.47	ng		98
37) 2-Methylnaphthalene	12.13	142	119600	29.50	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	58474	29.14	ng		98
40) Hexachlorocyclopentadiene	12.48	237	69862	57.07	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	46569	32.71	ng	97
43) 2,4,5-Trichlorophenol	12.84	196	51969	35.43	ng	92
45) 1,1'-Biphenyl	13.15	154	155291	30.39	ng	98
46) 2-Chloronaphthalene	13.19	162	123583	30.55	ng	99
47) 2-Nitroaniline	13.41	65	52309	33.23	ng	96
48) Acenaphthylene	14.05	152	214314	30.93	ng	99
49) Dimethylphthalate	13.79	163	205632	37.07	ng	100
50) 2,6-Dinitrotoluene	13.91	165	41726	33.95	ng	98
51) Acenaphthene	14.39	154	126784	30.98	ng	99
52) 3-Nitroaniline	14.24	138	41896	30.72	ng	92
53) 2,4-Dinitrophenol	14.45	184	38748	54.30	ng	97
54) Dibenzofuran	14.72	168	196806	32.35	ng	98
55) 4-Nitrophenol	14.60	139	75614	68.86	ng	92
56) 2,4-Dinitrotoluene	14.70	165	60169	35.10	ng	92
57) Fluorene	15.37	166	175849	32.65	ng	100
58) 2,3,4,6-Tetrachlorophenol	14.96	232	50943	37.84	ng	94
59) Diethylphthalate	15.16	149	192861	32.37	ng	100
60) 4-Chlorophenyl-phenylether	15.37	204	89567	32.38	ng	95
61) 4-Nitroaniline	15.41	138	52346	34.41	ng	93
62) Azobenzene	15.66	77	189495	33.29	ng	95
64) 4,6-Dinitro-2-methylphenol	15.46	198	36247	30.67	ng	98
65) n-Nitrosodiphenylamine	15.59	169	159296	30.09	ng	98
66) 4-Bromophenyl-phenylether	16.26	248	57567	30.61	ng	98
67) Hexachlorobenzene	16.38	284	60503	30.49	ng	91
68) Atrazine	16.54	200	67133	34.66	ng	99
69) Pentachlorophenol	16.73	266	77122	62.25	ng	94
70) Phenanthrene	17.11	178	275083	30.93	ng	99
71) Anthracene	17.20	178	280409	31.11	ng	96
72) Carbazole	17.48	167	283257	34.20	ng	97
73) Di-n-butylphthalate	18.04	149	360173	32.50	ng	98
74) Fluoranthene	19.13	202	343487	32.16	ng	97
76) Benzidine	19.33	184	98370	15.38	ng	96
77) Pyrene	19.50	202	349900	29.11	ng	98
79) Butylbenzylphthalate	20.40	149	161802	29.60	ng	95
80) Benzo(a)anthracene	21.24	228	330790	29.46	ng	99
81) 3,3'-Dichlorobenzidine	21.18	252	108774	25.03	ng	99
82) Chrysene	21.30	228	311443	29.78	ng	96
83) Bis(2-ethylhexyl)phthalate	21.17	149	233940	30.11	ng	99
84) Di-n-octyl phthalate	22.05	149	388834	30.06	ng	98
85) Indeno(1,2,3-cd)pyrene	25.80	276	362614	28.97	ng	99
87) Benzo(b)fluoranthene	22.82	252	333024	30.67	ng	98
88) Benzo(k)fluoranthene	22.87	252	308927	29.97	ng	99
89) Benzo(a)pyrene	23.40	252	313817	31.47	ng	100
90) Dibenzo(a,h)anthracene	25.80	278	312001	30.48	ng	98
91) Benzo(g,h,i)perylene	26.50	276	288945	29.99	ng	96

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

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