Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081543.D
Acq On : 9 Sep 2015 3:39
Operator : UM/IZ
Sample : G3585-05MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MSD

Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:48 PM

Quant Time: Sep 09 04:43:57 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 09 03:32:15 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.34	152	47827	20.00	ng		-0.01
21) Naphthalene-d8	7.64	136	191180	20.00	ng		0.00
38) Acenaphthene-d10	9.38	164	81941	20.00	ng		0.00
63) Phenanthrene-d10	10.84	188	133354	20.00	ng		0.00
75) Chrysene-d12	13.45	240	101717	20.00	ng		0.00
86) Perylene-d12	14.75	264	92155	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.89	112	291588	94.59	ng		0.01
7) Phenol-d6	6.02	99	578935	141.88	ng		0.00
23) Nitrobenzene-d5	6.94	82	376170	94.93	ng		0.00
41) 2,4,6-Tribromophenol	10.16	330	42068	57.66	ng		0.00
44) 2-Fluorobiphenyl	8.72	172	521814	81.61	ng		0.00
78) Terphenyl-d14	12.42	244	365876	83.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.70	88	54152	39.11	ng	#	76
3) Pyridine	2.24	79	170814	44.74	ng	#	86
4) n-Nitrosodimethylamine	2.22	42	113395	53.47	ng	#	71
6) Aniline	6.01	93	173415	30.10	ng	#	80
8) 2-Chlorophenol	6.14	128	126406	37.21	ng		89
9) Benzaldehyde	5.88	77	103604	40.52	ng	#	83
10) Phenol	6.04	94	205308	43.39	ng		73
11) bis(2-Chloroethyl)ether	6.10	93	160891	47.13	ng		86
12) 1,3-Dichlorobenzene	6.28	146	169637	46.74	ng	#	92
13) 1,4-Dichlorobenzene	6.36	146	167324	45.28	ng	#	89
14) 1,2-Dichlorobenzene	6.52	146	141698	42.59	ng		96
15) Benzyl Alcohol	6.52	79	173049	51.70	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	6.66	45	338715	51.76	ng		73
17) 2-Methylphenol	6.65	107	128689	47.48	ng	#	74
18) Hexachloroethane	6.86	117	58747	40.86	ng		90
19) n-Nitroso-di-n-propylamine	6.80	70	140060	50.43	ng	#	87
20) 3+4-Methylphenols	6.81	107	167985	45.97	ng		87
22) Acetophenone	6.78	105	238651	45.70	ng	#	73
24) Nitrobenzene	6.95	77	181123	44.02	ng	#	61
25) Isophorone	7.20	82	343900	46.66	ng	#	89
26) 2-Nitrophenol	7.27	139	33563	18.71	ng	#	55
27) 2,4-Dimethylphenol	7.34	122	157485	50.84	ng	#	78
28) bis(2-Chloroethoxy)methane	7.43	93	212516	49.92	ng	#	93
29) 2,4-Dichlorophenol	7.52	162	82968	30.89	ng		90
30) 1,2,4-Trichlorobenzene	7.59	180	129518	44.38	ng		97
31) Naphthalene	7.67	128	1225147	120.16	ng		97
33) 4-Chloroaniline	7.72	127	105598	25.39	ng	#	80
34) Hexachlorobutadiene	7.79	225	77634	43.71	ng		98
35) Caprolactam	8.09	113	35156	42.67	ng	#	25
36) 4-Chloro-3-methylphenol	8.24	107	140952	46.88	ng	#	75
37) 2-Methylnaphthalene	8.35	142	322303	48.58	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	8.51	216	113257	43.70	ng		100
40) Hexachlorocyclopentadiene	8.50	237	9728	7.65	ng		95
42) 2,4,6-Trichlorophenol	8.64	196	24683	13.80	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.68	196	35359	19.38	ng	#	75
45) 1,1'-Biphenyl	8.82	154	354580	47.04	ng		95
46) 2-Chloronaphthalene	8.83	162	260261	47.81	ng	#	90
47) 2-Nitroaniline	8.95	65	122415	55.17	ng	#	67
48) Acenaphthylene	9.24	152	416993	43.17	ng		97
49) Dimethylphthalate	9.14	163	520183	81.71	ng	#	97
50) 2,6-Dinitrotoluene	9.20	165	64937	44.94	ng	#	90
51) Acenaphthene	9.42	154	249675	45.44	ng		90
52) 3-Nitroaniline	9.36	138	70406	42.80	ng	#	69
54) Dibenzofuran	9.59	168	357795	44.60	ng		93
55) 4-Nitrophenol	9.55	139	14996m	14.51	ng		
56) 2,4-Dinitrotoluene	9.59	165	72253	39.27	ng	#	30
57) Fluorene	9.92	166	266438	43.76	ng		96
58) 2,3,4,6-Tetrachlorophenol	9.71	232	15591	11.19	ng	#	76
59) Diethylphthalate	9.83	149	351251	52.45	ng		97
60) 4-Chlorophenyl-phenylether	9.93	204	129967	45.80	ng		93
61) 4-Nitroaniline	9.96	138	69921	42.07	ng	#	45
62) Azobenzene	10.08	77	328331	44.10	ng		82
65) n-Nitrosodiphenylamine	10.04	169	224585	46.28	ng		91
66) 4-Bromophenyl-phenylether	10.41	248	71432	52.98	ng	#	90
67) Hexachlorobenzene	10.46	284	66074	46.87	ng	#	62
68) Atrazine	10.58	200	65639	46.74	ng		83
69) Pentachlorophenol	10.66	266	9035	20.47	ng		94
70) Phenanthrene	10.87	178	360733	48.66	ng		97
71) Anthracene	10.91	178	312695	41.05	ng		98
72) Carbazole	11.08	167	339662	47.52	ng		97
73) Di-n-butylphthalate	11.44	149	446208	52.87	ng	#	98
74) Fluoranthene	12.03	202	285996	35.63	ng		90
76) Benzidine	12.18	184	181426	41.55	ng		99
77) Pyrene	12.26	202	316947	42.07	ng		97
79) Butylbenzylphthalate	12.91	149	148637	45.36	ng		99
80) Benzo(a)anthracene	13.44	228	285883	44.13	ng		96
81) 3,3'-Dichlorobenzidine	13.42	252	79179	36.24	ng	#	95
82) Chrysene	13.47	228	224189	38.61	ng		96
83) Bis(2-ethylhexyl)phthalate	13.47	149	199731	46.19	ng	#	89
84) Di-n-octyl phthalate	14.08	149	342752	48.14	ng	#	94
85) Indeno(1,2,3-cd)pyrene	15.83	276	225681	52.97	ng	#	85
87) Benzo(b)fluoranthene	14.43	252	294467m	44.76	ng		
88) Benzo(k)fluoranthene	14.46	252	227164m	41.61	ng		
89) Benzo(a)pyrene	14.71	252	240238	43.09	ng	#	87
90) Dibenzo(a,h)anthracene	15.84	278	194670	45.19	ng	#	81
91) Benzo(g,h,i)perylene	16.15	276	170168	41.39	ng	#	73

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

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