Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091815\
Data File : BF081707.D
Acq On : 18 Sep 2015 21:09
Operator : UM/IZ
Sample : G3704-12MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12-9-15-15MS

Manual Integrations APPROVED
MMDadoda
9/21/2015 2:22:12 PM

Quant Time: Sep 21 10:49:57 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 14:03:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	42925	20.00	ng		-0.06
21) Naphthalene-d8	11.06	136	168285	20.00	ng		-0.06
38) Acenaphthene-d10	15.20	164	79919	20.00	ng		-0.06
63) Phenanthrene-d10	18.70	188	163507	20.00	ng		-0.06
75) Chrysene-d12	23.35	240	137890	20.00	ng		-0.03
86) Perylene-d12	24.78	264	84128	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	166046	60.02	ng		-0.03
7) Phenol-d6	7.59	99	135754	37.07	ng		-0.06
23) Nitrobenzene-d5	9.48	82	386051	110.68	ng		-0.06
41) 2,4,6-Tribromophenol	17.11	330	118914	167.11	ng		-0.06
44) 2-Fluorobiphenyl	13.72	172	679951	109.03	ng		-0.06
78) Terphenyl-d14	22.07	244	591292	99.82	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	1.58	88	20265m	16.31	ng		
3) Pyridine	2.13	79	27842m	8.13	ng		
4) n-Nitrosodimethylamine	2.05	42	37221	19.55	ng	#	49
6) Aniline	7.48	93	79688	15.41	ng	#	83
8) 2-Chlorophenol	7.72	128	112953	37.05	ng	#	77
9) Benzaldehyde	7.19	77	56848	24.77	ng	#	73
10) Phenol	7.61	94	52221m	12.30	ng		
11) bis(2-Chloroethyl)ether	7.70	93	146606	47.85	ng	#	79
12) 1,3-Dichlorobenzene	8.01	146	141886	43.56	ng	#	87
13) 1,4-Dichlorobenzene	8.21	146	145357	43.83	ng	#	90
14) 1,2-Dichlorobenzene	8.53	146	138022	46.22	ng	#	90
15) Benzyl Alcohol	8.61	79	80007	26.63	ng	#	69
16) 2,2'-oxybis(1-Chloropropan	8.93	45	313886	53.44	ng		96
17) 2-Methylphenol	8.96	107	71592	29.43	ng	#	79
18) Hexachloroethane	9.26	117	58580	45.40	ng	#	87
19) n-Nitroso-di-n-propylamine	9.25	70	124299	49.87	ng	#	90
20) 3+4-Methylphenols	9.34	107	82605	25.19	ng		82
22) Acetophenone	9.16	105	223867	48.70	ng	#	74
24) Nitrobenzene	9.51	77	186331	51.44	ng	#	61
25) Isophorone	10.10	82	320455	49.39	ng	#	83
26) 2-Nitrophenol	10.24	139	72037	45.63	ng	#	24
27) 2,4-Dimethylphenol	10.52	122	110610	40.56	ng	#	77
28) bis(2-Chloroethoxy)methane	10.71	93	187969	50.16	ng	#	90
29) 2,4-Dichlorophenol	10.86	162	104048	44.00	ng		93
30) 1,2,4-Trichlorobenzene	10.97	180	124207	48.35	ng		95
31) Naphthalene	11.12	128	427836	47.67	ng		98
32) Benzoic acid	10.93	122	16872m	10.75	ng		
33) 4-Chloroaniline	11.36	127	68949	18.84	ng	#	83
34) Hexachlorobutadiene	11.48	225	77993	49.89	ng		98
35) Caprolactam	12.30	113	2708	3.73	ng	#	3
36) 4-Chloro-3-methylphenol	12.67	107	118847	44.90	ng	#	76
37) 2-Methylnaphthalene	12.77	142	293049	50.18	ng	#	86
39) 1,2,4,5-Tetrachlorobenzene	13.18	216	126258	49.95	ng		96
40) Hexachlorocyclopentadiene	13.16	237	120580	97.21	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.52	196	81053	46.47	ng		98
43) 2,4,5-Trichlorophenol	13.64	196	84672	47.58	ng	#	85
45) 1,1'-Biphenyl	13.91	154	357556	48.63	ng		95
46) 2-Chloronaphthalene	13.90	162	264939	49.90	ng	#	89
47) 2-Nitroaniline	14.25	65	112076	51.79	ng	#	60
48) Acenaphthylene	14.86	152	449838	47.75	ng		97
49) Dimethylphthalate	14.80	163	340459	54.83	ng	#	96
50) 2,6-Dinitrotoluene	14.89	165	65966	46.81	ng	#	22
51) Acenaphthene	15.28	154	261561	48.81	ng		91
52) 3-Nitroaniline	15.26	138	37397	23.31	ng	#	57
53) 2,4-Dinitrophenol	15.56	184	64890	89.34	ng	#	43
54) Dibenzofuran	15.71	168	410440	52.45	ng	#	85
55) 4-Nitrophenol	15.90	139	24037	23.85	ng	#	9
56) 2,4-Dinitrotoluene	15.85	165	92240	51.40	ng	#	65
57) Fluorene	16.52	166	321052	54.07	ng		96
58) 2,3,4,6-Tetrachlorophenol	16.07	232	71086	52.32	ng		92
59) Diethylphthalate	16.49	149	355919	54.49	ng		96
60) 4-Chlorophenyl-phenylether	16.61	204	152552	55.12	ng	#	83
61) 4-Nitroaniline	16.72	138	61547	37.97	ng	#	14
62) Azobenzene	16.97	77	401363	55.27	ng		82
64) 4,6-Dinitro-2-methylphenol	16.81	198	45253	49.48	ng	#	74
65) n-Nitrosodiphenylamine	16.93	169	273410	45.95	ng		93
66) 4-Bromophenyl-phenylether	17.75	248	85141	51.50	ng	#	91
67) Hexachlorobenzene	17.80	284	85443	49.43	ng	#	81
68) Atrazine	18.35	200	96519	56.06	ng	#	76
69) Pentachlorophenol	18.35	266	69223	82.01	ng		98
70) Phenanthrene	18.77	178	454106	49.96	ng		97
71) Anthracene	18.88	178	466368	49.94	ng		98
72) Carbazole	19.36	167	428861	48.94	ng		96
73) Di-n-butylphthalate	20.41	149	570749	55.15	ng	#	97
74) Fluoranthene	21.39	202	493147	50.11	ng		90
76) Benzidine	21.71	184	64071	10.82	ng		98
77) Pyrene	21.74	202	503645	49.31	ng		98
79) Butylbenzylphthalate	22.77	149	227860	51.29	ng	#	76
80) Benzo(a)anthracene	23.34	228	402494	45.84	ng		97
81) 3,3'-Dichlorobenzidine	23.35	252	79880	26.97	ng	#	93
82) Chrysene	23.39	228	386797	49.14	ng		96
83) Bis(2-ethylhexyl)phthalate	23.47	149	328404	56.02	ng	#	94
84) Di-n-octyl phthalate	24.12	149	510395	52.88	ng		97
85) Indeno(1,2,3-cd)pyrene	25.82	276	256781	44.46	ng	#	84
87) Benzo(b)fluoranthene	24.45	252	329029m	54.78	ng		
88) Benzo(k)fluoranthene	24.47	252	252881m	50.74	ng		
89) Benzo(a)pyrene	24.73	252	259766	51.04	ng	#	89
90) Dibenzo(a,h)anthracene	25.83	278	219766	55.88	ng	#	80
91) Benzo(g,h,i)perylene	26.12	276	204024	54.36	ng	#	76

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

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