Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033015\
Data File : BF078091.D
Acq On : 30 Mar 2015 19:47
Operator : TP/IZ
Sample : G1708-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-01-013-AMS

Manual Integrations APPROVED
apatel
3/31/2015 2:17:03 PM

Quant Time: Mar 31 02:11:44 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 31 01:02:18 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.06	152	30193	20.00	ng		0.00
21) Naphthalene-d8	8.64	136	125748	20.00	ng		0.00
38) Acenaphthene-d10	10.81	164	64680	20.00	ng		0.00
63) Phenanthrene-d10	12.65	188	123393	20.00	ng		0.00
75) Chrysene-d12	15.96	240	134173	20.00	ng		0.02
86) Perylene-d12	17.84	264	128081	20.00	ng		0.14
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	235622	136.22	ng		0.00
7) Phenol-d6	6.65	99	290329	135.85	ng		0.00
23) Nitrobenzene-d5	7.76	82	167941	87.55	ng		0.00
41) 2,4,6-Tribromophenol	11.79	330	76793	124.09	ng		0.00
44) 2-Fluorobiphenyl	9.98	172	330749	75.15	ng		0.00
78) Terphenyl-d14	14.65	244	405653	73.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.92	88	31331	39.89	ng	#	100
3) Pyridine	2.58	79	72334	34.28	ng		96
4) n-Nitrosodimethylamine	2.51	42	34144m	37.16	ng		
6) Aniline	6.65	93	75088	24.56	ng	#	74
8) 2-Chlorophenol	6.80	128	98520	47.85	ng		98
9) Benzaldehyde	6.51	77	3387	3.87	ng		98
10) Phenol	6.67	94	114857	45.46	ng	#	68
11) bis(2-Chloroethyl)ether	6.76	93	93168	49.24	ng		100
12) 1,3-Dichlorobenzene	6.98	146	99330	43.38	ng		95
13) 1,4-Dichlorobenzene	7.08	146	102158	42.93	ng		96
14) 1,2-Dichlorobenzene	7.26	146	98673	45.23	ng		97
15) Benzyl Alcohol	7.25	79	75449	45.23	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.44	45	114198	44.78	ng		97
17) 2-Methylphenol	7.41	107	75533	45.06	ng		96
18) Hexachloroethane	7.68	117	33195	42.54	ng		90
19) n-Nitroso-di-n-propylamine	7.58	70	64692	43.76	ng		99
20) 3+4-Methylphenols	7.61	107	100128	45.52	ng		94
22) Acetophenone	7.57	105	130629	46.93	ng	#	98
24) Nitrobenzene	7.78	77	92046	44.54	ng		95
25) Isophorone	8.08	82	165159	42.63	ng	#	90
26) 2-Nitrophenol	8.18	139	45351	44.82	ng		95
27) 2,4-Dimethylphenol	8.26	122	78575	42.63	ng		98
28) bis(2-Chloroethoxy)methane	8.37	93	104829	44.58	ng	#	96
29) 2,4-Dichlorophenol	8.48	162	78943	44.93	ng		94
30) 1,2,4-Trichlorobenzene	8.57	180	82200	41.81	ng		94
31) Naphthalene	8.66	128	275597	42.67	ng		99
32) Benzoic acid	8.37	122	34272	34.28	ng		88
33) 4-Chloroaniline	8.75	127	65701	25.07	ng		99
34) Hexachlorobutadiene	8.82	225	45488	40.82	ng		95
35) Caprolactam	9.16	113	24022	46.78	ng		98
36) 4-Chloro-3-methylphenol	9.37	107	85833	48.55	ng		90
37) 2-Methylnaphthalene	9.53	142	189016	43.56	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.73	216	80095	41.52	ng	#	100
40) Hexachlorocyclopentadiene	9.71	237	70460	73.24	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.88	196	55930	41.85	ng		98
43) 2,4,5-Trichlorophenol	9.93	196	58928	40.82	ng	#	84
45) 1,1'-Biphenyl	10.11	154	214340	41.45	ng		99
46) 2-Chloronaphthalene	10.12	162	180417	42.94	ng		95
47) 2-Nitroaniline	10.26	65	46251	44.32	ng	#	84
48) Acenaphthylene	10.64	152	286154	40.95	ng		98
49) Dimethylphthalate	10.50	163	224608	46.82	ng		100
50) 2,6-Dinitrotoluene	10.57	165	44617	44.87	ng		91
51) Acenaphthene	10.84	154	158340	39.52	ng		99
52) 3-Nitroaniline	10.77	138	38643	33.46	ng		86
53) 2,4-Dinitrophenol	10.91	184	25369	70.51	ng	#	82
54) Dibenzofuran	11.06	168	257564	43.35	ng		94
55) 4-Nitrophenol	11.01	139	70921	82.90	ng		85
56) 2,4-Dinitrotoluene	11.07	165	62211	47.98	ng	#	67
57) Fluorene	11.49	166	203254	41.20	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.22	232	46667	41.98	ng	#	100
59) Diethylphthalate	11.38	149	206249	44.12	ng		98
60) 4-Chlorophenyl-phenylether	11.51	204	95529	42.43	ng		95
61) 4-Nitroaniline	11.53	138	45992	39.96	ng		77
62) Azobenzene	11.70	77	210224	47.06	ng		98
64) 4,6-Dinitro-2-methylphenol	11.57	198	20988	37.10	ng	#	72
65) n-Nitrosodiphenylamine	11.65	169	182952	44.53	ng		98
66) 4-Bromophenyl-phenylether	12.11	248	54674	41.52	ng	#	94
67) Hexachlorobenzene	12.16	284	59451	41.09	ng	#	83
68) Atrazine	12.33	200	55332	48.05	ng		95
69) Pentachlorophenol	12.42	266	51029	67.82	ng		99
70) Phenanthrene	12.67	178	303956	42.91	ng		99
71) Anthracene	12.74	178	304553	43.52	ng		99
72) Carbazole	12.96	167	306867	46.09	ng		97
73) Di-n-butylphthalate	13.41	149	326948	43.80	ng		98
74) Fluoranthene	14.15	202	333673	42.71	ng		94
76) Benzidine	14.34	184	133247	40.15	ng		99
77) Pyrene	14.43	202	361125	42.80	ng		99
79) Butylbenzylphthalate	15.28	149	143391	43.10	ng	#	86
80) Benzo(a)anthracene	15.95	228	331566	41.69	ng		99
81) 3,3'-Dichlorobenzidine	15.94	252	80115	30.54	ng		98
82) Chrysene	16.00	228	315481	44.11	ng		99
83) Bis(2-ethylhexyl)phthalate	16.04	149	211462	41.97	ng		97
84) Di-n-octyl phthalate	16.90	149	360771m	41.87	ng		
85) Indeno(1,2,3-cd)pyrene	19.24	276	365358	40.93	ng	#	100
87) Benzo(b)fluoranthene	17.36	252	326062m	39.00	ng		
88) Benzo(k)fluoranthene	17.39	252	321984	49.30	ng		99
89) Benzo(a)pyrene	17.77	252	313750	44.97	ng	#	97
90) Dibenzo(a,h)anthracene	19.27	278	304897m	44.06	ng		
91) Benzo(g,h,i)perylene	19.64	276	313148m	44.45	ng		

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

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