Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
Data File : BF079537.D
Acq On : 28 May 2015 00:19
Operator : TP/IZ
Sample : G2386-17MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-D10MS

Manual Integrations APPROVED
apatel
5/28/2015 12:04:40 PM

Quant Time: May 28 02:07:21 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 00:48:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	54153	20.00	ng		0.00
21) Naphthalene-d8	8.58	136	235055	20.00	ng		0.00
38) Acenaphthene-d10	10.74	164	117355	20.00	ng		0.00
63) Phenanthrene-d10	12.58	188	223880	20.00	ng		0.00
75) Chrysene-d12	15.86	240	225648	20.00	ng		-0.08
86) Perylene-d12	17.53	264	249736	20.00	ng		-0.35
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	312347m	100.04	ng		0.00
7) Phenol-d6	6.59	99	471372	118.45	ng		0.00
23) Nitrobenzene-d5	7.70	82	285006	70.09	ng		0.00
41) 2,4,6-Tribromophenol	11.72	330	121954	94.61	ng		-0.01
44) 2-Fluorobiphenyl	9.93	172	541730	65.86	ng		0.00
78) Terphenyl-d14	14.57	244	618165	64.29	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.83	88	51194m	34.47	ng		
3) Pyridine	2.48	79	103956m	31.79	ng		
4) n-Nitrosodimethylamine	2.40	42	60003m	37.26	ng		
6) Aniline	6.59	93	135320m	23.96	ng		
8) 2-Chlorophenol	6.74	128	129242	35.56	ng		93
9) Benzaldehyde	6.44	77	15915m	5.03	ng		
10) Phenol	6.62	94	178104m	38.01	ng		
11) bis(2-Chloroethyl)ether	6.70	93	131351	38.75	ng		93
12) 1,3-Dichlorobenzene	6.92	146	138475	34.39	ng	#	93
13) 1,4-Dichlorobenzene	7.02	146	136926	33.33	ng		95
14) 1,2-Dichlorobenzene	7.20	146	131939	34.58	ng		96
15) Benzyl Alcohol	7.20	79	114136	39.03	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.37	45	192091	38.72	ng		91
17) 2-Methylphenol	7.36	107	115165	40.33	ng		99
18) Hexachloroethane	7.62	117	43416	30.71	ng	#	82
19) n-Nitroso-di-n-propylamine	7.53	70	105504	37.68	ng	#	93
20) 3+4-Methylphenols	7.55	107	149263	38.04	ng		91
22) Acetophenone	7.52	105	200208	38.02	ng	#	93
24) Nitrobenzene	7.72	77	147367	36.77	ng		90
25) Isophorone	8.02	82	268410	36.21	ng	#	92
26) 2-Nitrophenol	8.12	139	52202	27.51	ng		96
27) 2,4-Dimethylphenol	8.20	122	126162	36.99	ng		97
28) bis(2-Chloroethoxy)methane	8.31	93	167002	36.35	ng		99
29) 2,4-Dichlorophenol	8.43	162	111573	35.71	ng		98
30) 1,2,4-Trichlorobenzene	8.51	180	112718	34.78	ng		94
31) Naphthalene	8.60	128	410374	36.38	ng		99
33) 4-Chloroaniline	8.70	127	123082	26.12	ng	#	94
34) Hexachlorobutadiene	8.76	225	60862	33.01	ng		98
35) Caprolactam	9.11	113	35736	36.27	ng	#	72
36) 4-Chloro-3-methylphenol	9.31	107	131962	40.72	ng		90
37) 2-Methylnaphthalene	9.46	142	281899	35.99	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.67	216	111393	33.94	ng	#	100
40) Hexachlorocyclopentadiene	9.66	237	16441	28.00	ng		97
42) 2,4,6-Trichlorophenol	9.83	196	54494	23.77	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.87	196	74816	32.79	ng	#	83
45) 1,1'-Biphenyl	10.04	154	332837	36.31	ng		97
46) 2-Chloronaphthalene	10.07	162	253437	35.01	ng		94
47) 2-Nitroaniline	10.20	65	81121	37.69	ng	#	72
48) Acenaphthylene	10.57	152	421003	35.04	ng		99
49) Dimethylphthalate	10.44	163	351595	40.66	ng		98
50) 2,6-Dinitrotoluene	10.51	165	62200	36.01	ng	#	60
51) Acenaphthene	10.79	154	246175	35.83	ng		98
52) 3-Nitroaniline	10.72	138	77686	34.57	ng		84
54) Dibenzofuran	11.00	168	369988	36.51	ng		94
55) 4-Nitrophenol	10.97	139	16265m	13.05	ng		
56) 2,4-Dinitrotoluene	11.02	165	82911	35.79	ng	#	85
57) Fluorene	11.43	166	304337	36.43	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.16	232	35189	21.19	ng	#	100
59) Diethylphthalate	11.31	149	304345	35.96	ng		97
60) 4-Chlorophenyl-phenylether	11.44	204	136318	37.77	ng	#	87
61) 4-Nitroaniline	11.47	138	85072	40.64	ng		83
62) Azobenzene	11.63	77	321968	39.11	ng		93
64) 4,6-Dinitro-2-methylphenol	11.53	198	985	7.74	ng		91
65) n-Nitrosodiphenylamine	11.59	169	259276	34.87	ng		98
66) 4-Bromophenyl-phenylether	12.04	248	81850	35.50	ng	#	90
67) Hexachlorobenzene	12.10	284	91797	34.92	ng		94
68) Atrazine	12.26	200	81869	40.76	ng		96
69) Pentachlorophenol	12.36	266	29706	29.50	ng		94
70) Phenanthrene	12.62	178	426349	34.71	ng		99
71) Anthracene	12.67	178	438187	35.14	ng		100
72) Carbazole	12.89	167	441742	36.80	ng		98
73) Di-n-butylphthalate	13.35	149	505241	37.30	ng		98
74) Fluoranthene	14.08	202	451277	34.26	ng		94
76) Benzidine	14.27	184	280614	58.06	ng		98
77) Pyrene	14.37	202	479069	34.27	ng		100
79) Butylbenzylphthalate	15.20	149	221975	35.31	ng		92
80) Benzo(a)anthracene	15.85	228	457543	35.25	ng		100
81) 3,3'-Dichlorobenzidine	15.83	252	150292	31.62	ng	#	99
82) Chrysene	15.90	228	422793	34.27	ng		99
83) Bis(2-ethylhexyl)phthalate	15.92	149	343999	38.19	ng	#	97
84) Di-n-octyl phthalate	16.69	149	572464	36.52	ng		99
85) Indeno(1,2,3-cd)pyrene	18.83	276	596012m	37.55	ng		
87) Benzo(b)fluoranthene	17.11	252	544847	38.25	ng		98
88) Benzo(k)fluoranthene	17.14	252	392053m	30.78	ng		
89) Benzo(a)pyrene	17.47	252	472953	37.55	ng	#	97
90) Dibenzo(a,h)anthracene	18.86	278	492963	37.47	ng		96
91) Benzo(g,h,i)perylene	19.22	276	493455	37.90	ng		97

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

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