Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
Data File : BF081748.D
Acq On : 22 Sep 2015 20:02
Operator : UM/IZ
Sample : G3753-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Manual Integrations APPROVED

Quant Time: Sep 23 05:01:27 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 23 01:06:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)	
1) 1,4-Dichlorobenzene-d4	8.14	152	38469	20.00	ng		0.00	
21) Naphthalene-d8	11.03	136	146977	20.00	ng		-0.01	
38) Acenaphthene-d10	15.17	164	65785	20.00	ng		0.00	
63) Phenanthrene-d10	18.67	188	118766	20.00	ng		-0.01	
75) Chrysene-d12	23.33	240	74189	20.00	ng		0.00	
86) Perylene-d12	24.77	264	66194	20.00	ng		0.00	MMDadoda
System Monitoring Compounds								
5) 2-Fluorophenol	5.32	112	294529	118.79	ng		0.03	
7) Phenol-d6	7.59	99	407836	124.27	ng		0.01	
23) Nitrobenzene-d5	9.45	82	279497	91.75	ng		0.00	9/23/2015 4:33:52 PM
41) 2,4,6-Tribromophenol	17.08	330	79371	135.50	ng		0.00	
44) 2-Fluorobiphenyl	13.68	172	482125	93.92	ng		-0.01	
78) Terphenyl-d14	22.05	244	310538	97.44	ng		0.00	
Target Compounds							Qvalue	
2) 1,4-Dioxane	1.57	88	43325m	38.91	ng			
3) Pyridine	2.16	79	7603m	2.48	ng			
4) n-Nitrosodimethylamine	2.05	42	70716	41.46	ng	#	57	
6) Aniline	7.45	93	63138	13.62	ng	#	83	
8) 2-Chlorophenol	7.69	128	100549	36.80	ng	#	79	
9) Benzaldehyde	7.17	77	34753	16.90	ng	#	77	
10) Phenol	7.61	94	131261	34.49	ng	#	55	
11) bis(2-Chloroethyl)ether	7.67	93	105521	38.43	ng	#	84	
12) 1,3-Dichlorobenzene	7.99	146	99080	33.94	ng	#	88	
13) 1,4-Dichlorobenzene	8.17	146	102219	34.39	ng	#	89	
14) 1,2-Dichlorobenzene	8.49	146	99090	37.03	ng	#	89	
15) Benzyl Alcohol	8.60	79	100004	37.14	ng	#	70	
16) 2,2'-oxybis(1-Chloropropan	8.90	45	206478	39.23	ng		95	
17) 2-Methylphenol	8.95	107	78807	36.15	ng	#	76	
18) Hexachloroethane	9.22	117	40187	34.75	ng		89	
19) n-Nitroso-di-n-propylamine	9.21	70	83531	37.40	ng	#	89	
20) 3+4-Methylphenols	9.33	107	106241	36.14	ng		82	
22) Acetophenone	9.13	105	151422	37.72	ng	#	75	
24) Nitrobenzene	9.49	77	126223	39.90	ng	#	63	
25) Isophorone	10.08	82	213670	37.71	ng	#	84	
26) 2-Nitrophenol	10.22	139	48870	35.44	ng	#	30	
27) 2,4-Dimethylphenol	10.50	122	87400	36.70	ng	#	75	
28) bis(2-Chloroethoxy)methane	10.68	93	124918	38.17	ng	#	91	
29) 2,4-Dichlorophenol	10.86	162	77549	37.55	ng		90	
30) 1,2,4-Trichlorobenzene	10.95	180	85617	38.16	ng		98	
31) Naphthalene	11.09	128	296803	37.86	ng		99	
32) Benzoic acid	10.97	122	22729m	15.20	ng			
33) 4-Chloroaniline	11.35	127	49737	15.56	ng	#	82	
34) Hexachlorobutadiene	11.44	225	56643	41.49	ng		96	
35) Caprolactam	12.25	113	19108m	30.17	ng			
36) 4-Chloro-3-methylphenol	12.66	107	94732	40.98	ng	#	74	
37) 2-Methylnaphthalene	12.73	142	197961	38.81	ng	#	89	
39) 1,2,4,5-Tetrachlorobenzene	13.15	216	84250	40.50	ng		98	
40) Hexachlorocyclopentadiene	13.12	237	39942	39.12	ng		96	

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9/23/2015 4:33:52 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.50	196	54122	37.69	ng		99
43) 2,4,5-Trichlorophenol	13.63	196	55230	37.70	ng	#	86
45) 1,1'-Biphenyl	13.89	154	235429	38.90	ng		95
46) 2-Chloronaphthalene	13.87	162	173289	39.65	ng	#	88
47) 2-Nitroaniline	14.23	65	71802	40.31	ng	#	61
48) Acenaphthylene	14.83	152	287729	37.11	ng		98
49) Dimethylphthalate	14.77	163	304512	59.58	ng	#	97
50) 2,6-Dinitrotoluene	14.86	165	41649	35.90	ng	#	16
51) Acenaphthene	15.25	154	164876	37.38	ng		89
52) 3-Nitroaniline	15.24	138	31692	24.00	ng	#	58
53) 2,4-Dinitrophenol	15.53	184	27990	50.02	ng	#	30
54) Dibenzofuran	15.67	168	252987	39.28	ng	#	86
55) 4-Nitrophenol	15.88	139	45139	54.41	ng	#	1
56) 2,4-Dinitrotoluene	15.82	165	55638	37.67	ng	#	58
57) Fluorene	16.48	166	196558	40.21	ng		93
58) 2,3,4,6-Tetrachlorophenol	16.05	232	44926	40.17	ng		94
59) Diethylphthalate	16.46	149	225583	41.96	ng		96
60) 4-Chlorophenyl-phenylether	16.57	204	95419	41.88	ng	#	90
61) 4-Nitroaniline	16.69	138	32225	24.15	ng	#	1
62) Azobenzene	16.94	77	244112	40.84	ng		81
64) 4,6-Dinitro-2-methylphenol	16.78	198	20149	30.33	ng	#	65
65) n-Nitrosodiphenylamine	16.89	169	166021	38.42	ng		93
66) 4-Bromophenyl-phenylether	17.72	248	51486	42.87	ng		95
67) Hexachlorobenzene	17.76	284	49476	39.40	ng	#	84
68) Atrazine	18.31	200	53235	42.57	ng		79
69) Pentachlorophenol	18.32	266	30620	53.36	ng		96
70) Phenanthrene	18.72	178	254788	38.59	ng		97
71) Anthracene	18.85	178	249532	36.79	ng		99
72) Carbazole	19.33	167	213896	33.60	ng		96
73) Di-n-butylphthalate	20.38	149	308147	40.99	ng	#	97
74) Fluoranthene	21.36	202	236341	33.07	ng		87
77) Pyrene	21.72	202	233989	42.58	ng		99
79) Butylbenzylphthalate	22.75	149	96931	40.56	ng	#	75
80) Benzo(a)anthracene	23.32	228	175656	37.18	ng		98
81) 3,3'-Dichlorobenzidine	23.34	252	7250	4.55	ng		92
82) Chrysene	23.36	228	171186	40.42	ng		95
83) Bis(2-ethylhexyl)phthalate	23.44	149	128117	40.62	ng	#	91
84) Di-n-octyl phthalate	24.11	149	207629	39.98	ng		97
85) Indeno(1,2,3-cd)pyrene	25.81	276	160719	51.72	ng	#	83
87) Benzo(b)fluoranthene	24.43	252	153805m	32.55	ng		
88) Benzo(k)fluoranthene	24.46	252	158282m	40.37	ng		
89) Benzo(a)pyrene	24.72	252	161891	40.43	ng	#	84
90) Dibenzo(a,h)anthracene	25.81	278	133199	43.05	ng	#	81
91) Benzo(g,h,i)perylene	26.11	276	126091	42.69	ng	#	70

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

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