Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079967.D
Acq On : 13 Jun 2015 9:12
Operator : TP/IZ
Sample : G2523-11MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PZ-1-6-4-15MSD

Manual Integrations APPROVED
apatel
6/15/2015 1:00:42 PM

Quant Time: Jun 15 11:26:11 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 22:57:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	46780	20.00	ng		0.00
21) Naphthalene-d8	8.67	136	180997	20.00	ng		0.00
38) Acenaphthene-d10	10.44	164	104661	20.00	ng		0.00
63) Phenanthrene-d10	11.95	188	201415	20.00	ng		-0.02
75) Chrysene-d12	14.87	240	230977m	20.00	ng		-0.27
86) Perylene-d12	16.74	264	231054m	20.00	ng		-0.35
System Monitoring Compounds							
5) 2-Fluorophenol	5.99	112	182560	71.56	ng		0.00
7) Phenol-d6	6.97	99	152592	43.90	ng		0.00
23) Nitrobenzene-d5	7.93	82	283846	103.47	ng		0.00
41) 2,4,6-Tribromophenol	11.24	330	136526	129.53	ng		0.00
44) 2-Fluorobiphenyl	9.75	172	674793	90.28	ng		0.00
78) Terphenyl-d14	13.62	244	875988	87.44	ng		-0.15
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	20519	17.68	ng		97
3) Pyridine	4.14	79	45142	15.18	ng		94
4) n-Nitrosodimethylamine	4.02	42	28882	19.70	ng		97
6) Aniline	7.03	93	113608	22.59	ng		95
8) 2-Chlorophenol	7.16	128	119698	38.60	ng		91
9) Benzaldehyde	6.92	77	8328	4.17	ng		85
10) Phenol	6.99	94	57456	15.03	ng		94
11) bis(2-Chloroethyl)ether	7.10	93	135568	44.07	ng		87
12) 1,3-Dichlorobenzene	7.32	146	136653m	37.78	ng		
13) 1,4-Dichlorobenzene	7.39	146	144824	38.55	ng		94
14) 1,2-Dichlorobenzene	7.55	146	145393	43.57	ng		95
15) Benzyl Alcohol	7.50	79	86753	31.13	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.64	45	228948	50.25	ng		95
17) 2-Methylphenol	7.61	107	87082	32.15	ng		95
18) Hexachloroethane	7.90	117	39900	34.30	ng	#	83
19) n-Nitroso-di-n-propylamine	7.77	70	121097	48.76	ng	#	92
20) 3+4-Methylphenols	7.76	107	108073	31.22	ng		99
22) Acetophenone	7.77	105	208704	48.82	ng	#	88
24) Nitrobenzene	7.95	77	166590	57.09	ng	#	86
25) Isophorone	8.19	82	297572	46.61	ng	#	92
26) 2-Nitrophenol	8.27	139	61652	59.39	ng	#	81
27) 2,4-Dimethylphenol	8.30	122	138448	48.39	ng		94
28) bis(2-Chloroethoxy)methane	8.39	93	179948	47.47	ng		98
29) 2,4-Dichlorophenol	8.51	162	134551	56.15	ng		91
30) 1,2,4-Trichlorobenzene	8.60	180	128667	42.25	ng		98
31) Naphthalene	8.70	128	416274	42.07	ng		99
32) Benzoic acid	8.34	122	18354	22.05	ng		98
33) 4-Chloroaniline	8.73	127	170747	44.46	ng	#	92
34) Hexachlorobutadiene	8.81	225	70260	41.56	ng		96
35) Caprolactam	9.07	113	7574	9.99	ng	#	77
36) 4-Chloro-3-methylphenol	9.19	107	119470	43.64	ng	#	87
37) 2-Methylnaphthalene	9.38	142	286116	42.80	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.55	216	144456	41.21	ng		98
40) Hexachlorocyclopentadiene	9.54	237	60214	47.74	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.66	196	98311	45.52	ng		99
43) 2,4,5-Trichlorophenol	9.70	196	105262	44.15	ng	#	90
45) 1,1'-Biphenyl	9.85	154	414266	48.91	ng		95
46) 2-Chloronaphthalene	9.88	162	305438	42.36	ng	#	92
47) 2-Nitroaniline	9.96	65	83598	53.44	ng	#	67
48) Acenaphthylene	10.31	152	481895	39.59	ng		98
49) Dimethylphthalate	10.14	163	406129	48.43	ng		98
50) 2,6-Dinitrotoluene	10.20	165	74638	48.66	ng	#	69
51) Acenaphthene	10.48	154	311151	44.97	ng		95
52) 3-Nitroaniline	10.38	138	61293	33.81	ng	#	75
53) 2,4-Dinitrophenol	10.48	184	34802	94.95	ng	#	1
54) Dibenzofuran	10.65	168	478755	47.36	ng		93
55) 4-Nitrophenol	10.51	139	52961	40.87	ng		94
56) 2,4-Dinitrotoluene	10.60	165	92686	45.88	ng	#	52
57) Fluorene	10.99	166	371319	42.14	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.76	232	97890	54.17	ng	#	95
59) Diethylphthalate	10.84	149	383195	45.71	ng		95
60) 4-Chlorophenyl-phenylether	10.98	204	184382	46.86	ng	#	84
61) 4-Nitroaniline	10.99	138	77089	40.01	ng		82
62) Azobenzene	11.14	77	368798	45.72	ng		86
64) 4,6-Dinitro-2-methylphenol	11.03	198	26945	56.59	ng		80
65) n-Nitrosodiphenylamine	11.10	169	325225	50.02	ng		98
66) 4-Bromophenyl-phenylether	11.47	248	111184	49.26	ng	#	86
67) Hexachlorobenzene	11.55	284	116899	47.48	ng	#	82
68) Atrazine	11.62	200	105720	52.83	ng		99
69) Pentachlorophenol	11.75	266	138212	115.85	ng		98
70) Phenanthrene	11.98	178	589120	49.08	ng		99
71) Anthracene	12.02	178	574877	49.49	ng		99
72) Carbazole	12.17	167	528980	46.95	ng		98
73) Di-n-butylphthalate	12.50	149	645412	52.59	ng		100
74) Fluoranthene	13.22	202	654062	49.29	ng		98
77) Pyrene	13.47	202	668380	46.07	ng		99
79) Butylbenzylphthalate	14.15	149	289157	59.03	ng	#	80
80) Benzo(a)anthracene	14.86	228	674671m	46.00	ng		
81) 3,3'-Dichlorobenzidine	14.80	252	113009m	24.10	ng		
82) Chrysene	14.90	228	642990m	49.71	ng		
83) Bis(2-ethylhexyl)phthalate	14.82	149	444446m	56.69	ng		
84) Di-n-octyl phthalate	15.61	149	772680m	60.43	ng		
85) Indeno(1,2,3-cd)pyrene	18.64	276	773769m	50.38	ng		
87) Benzo(b)fluoranthene	16.19	252	733362m	51.80	ng		
88) Benzo(k)fluoranthene	16.23	252	629362m	43.59	ng		
89) Benzo(a)pyrene	16.66	252	666892m	49.53	ng		
90) Dibenzo(a,h)anthracene	18.66	278	647932m	48.96	ng		
91) Benzo(g,h,i)perylene	19.21	276	660075m	48.20	ng		

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

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