Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020415\
Data File : BF077179.D
Acq On : 4 Feb 2015 15:42
Operator : TP/IZ
Sample : PB81600BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB81600BS

Manual Integrations APPROVED
apatel
2/5/2015 12:05:26 PM

Quant Time: Feb 05 00:33:57 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 05 00:24:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	27123	20.00	ng		0.00
21) Naphthalene-d8	10.59	136	114241	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	56291	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	106650	20.00	ng		0.00
75) Chrysene-d12	21.07	240	100152	20.00	ng		0.00
86) Perylene-d12	22.79	264	88754	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.69	112	166816	101.12	ng		0.00
7) Phenol-d6	7.09	99	211600	101.68	ng		0.00
23) Nitrobenzene-d5	8.99	82	193920	94.04	ng		0.00
41) 2,4,6-Tribromophenol	16.44	330	51099	111.83	ng		0.00
44) 2-Fluorobiphenyl	13.24	172	414350	112.02	ng		0.00
78) Terphenyl-d14	19.81	244	472177	108.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.12	88	26989	38.21	ng	#	95
3) Pyridine	1.56	79	58735	32.13	ng		95
4) n-Nitrosodimethylamine	1.53	42	29358	32.42	ng		85
6) Aniline	6.98	93	55726	19.35	ng		98
8) 2-Chlorophenol	7.21	128	74915	39.39	ng		95
9) Benzaldehyde	6.73	77	5920	3.80	ng		87
10) Phenol	7.12	94	79228	35.85	ng		91
11) bis(2-Chloroethyl)ether	7.23	93	66826	38.65	ng	#	79
12) 1,3-Dichlorobenzene	7.53	146	80482	37.20	ng		94
13) 1,4-Dichlorobenzene	7.72	146	81140	35.36	ng		99
14) 1,2-Dichlorobenzene	8.03	146	78259	37.02	ng		95
15) Benzyl Alcohol	8.13	79	63142	37.50	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.48	45	90433	38.91	ng		97
17) 2-Methylphenol	8.48	107	55627	35.79	ng		90
18) Hexachloroethane	8.77	117	30156	37.79	ng		95
19) n-Nitroso-di-n-propylamine	8.76	70	54574	37.46	ng		96
20) 3+4-Methylphenols	8.86	107	64506	31.35	ng		90
22) Acetophenone	8.68	105	107208	38.31	ng		99
24) Nitrobenzene	9.04	77	77803	37.04	ng		96
25) Isophorone	9.63	82	142964	38.07	ng		98
26) 2-Nitrophenol	9.78	139	34767	32.90	ng		94
27) 2,4-Dimethylphenol	10.05	122	65310	40.21	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	90496	42.40	ng		99
29) 2,4-Dichlorophenol	10.38	162	52860	34.91	ng		94
30) 1,2,4-Trichlorobenzene	10.50	180	66707	39.67	ng		99
31) Naphthalene	10.64	128	220070	37.42	ng		99
32) Benzoic acid	10.45	122	15387m	17.10	ng		
33) 4-Chloroaniline	10.90	127	46543	19.58	ng		99
34) Hexachlorobutadiene	11.00	225	38567	38.65	ng		96
35) Caprolactam	11.73	113	13395	30.05	ng		93
36) 4-Chloro-3-methylphenol	12.20	107	65101	37.55	ng		95
37) 2-Methylnaphthalene	12.29	142	159873	39.80	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.69	216	62554	44.95	ng		96
40) Hexachlorocyclopentadiene	12.68	237	63581	84.59	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	39825	39.27	ng		98
43) 2,4,5-Trichlorophenol	13.15	196	36157	34.96	ng	#	95
45) 1,1'-Biphenyl	13.45	154	185811	44.53	ng		96
46) 2-Chloronaphthalene	13.43	162	149351	43.49	ng		97
47) 2-Nitroaniline	13.77	65	44657	42.87	ng		98
48) Acenaphthylene	14.36	152	237410	40.99	ng		99
49) Dimethylphthalate	14.33	163	187408	46.95	ng		97
50) 2,6-Dinitrotoluene	14.42	165	37203	46.64	ng		91
51) Acenaphthene	14.79	154	134189	40.83	ng		95
52) 3-Nitroaniline	14.77	138	28919	28.53	ng	#	98
53) 2,4-Dinitrophenol	15.06	184	18821	54.65	ng		97
54) Dibenzofuran	15.21	168	212542	44.40	ng		97
55) 4-Nitrophenol	15.38	139	37902m	60.57	ng		
56) 2,4-Dinitrotoluene	15.36	165	51901	43.61	ng	#	92
57) Fluorene	15.97	166	179891	44.35	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.57	232	28023	37.21	ng		97
59) Diethylphthalate	15.99	149	202246	50.13	ng		99
60) 4-Chlorophenyl-phenylether	16.07	204	77725	46.84	ng		96
61) 4-Nitroaniline	16.13	138	35370	35.56	ng		97
62) Azobenzene	16.36	77	198476	47.21	ng		98
64) 4,6-Dinitro-2-methylphenol	16.21	198	20134	30.66	ng		93
65) n-Nitrosodiphenylamine	16.32	169	147729	38.85	ng		96
66) 4-Bromophenyl-phenylether	16.93	248	46983	43.48	ng		90
67) Hexachlorobenzene	16.95	284	45138	39.64	ng	#	87
68) Atrazine	17.32	200	51132	44.31	ng		99
69) Pentachlorophenol	17.32	266	24217	49.27	ng		97
70) Phenanthrene	17.60	178	253712	38.15	ng		99
71) Anthracene	17.68	178	254112	39.18	ng		98
72) Carbazole	17.97	167	245177	38.98	ng		98
73) Di-n-butylphthalate	18.57	149	336428	46.20	ng		98
74) Fluoranthene	19.25	202	264925	38.87	ng		98
76) Benzidine	19.51	184	116925	36.48	ng		99
77) Pyrene	19.54	202	284351	41.43	ng		99
79) Butylbenzylphthalate	20.48	149	147903	47.58	ng		94
80) Benzo(a)anthracene	21.06	228	245064	39.00	ng		99
81) 3,3'-Dichlorobenzidine	21.08	252	54161	27.12	ng	#	94
82) Chrysene	21.11	228	231141	40.34	ng		99
83) Bis(2-ethylhexyl)phthalate	21.22	149	217947	50.67	ng		97
84) Di-n-octyl phthalate	22.01	149	382497	51.24	ng		100
85) Indeno(1,2,3-cd)pyrene	23.97	276	230726	37.99	ng	#	82
87) Benzo(b)fluoranthene	22.35	252	255622	42.76	ng		98
88) Benzo(k)fluoranthene	22.39	252	197422m	37.80	ng		
89) Benzo(a)pyrene	22.73	252	212885	40.37	ng		96
90) Dibenzo(a,h)anthracene	24.00	278	192639	39.82	ng		97
91) Benzo(g,h,i)perylene	24.24	276	190316	39.57	ng	#	92

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

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