Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020615\
Data File : BF077216.D
Acq On : 6 Feb 2015 23:12
Operator : TP/IZ
Sample : PB81602BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB81602BS

Manual Integrations APPROVED
apatel
2/9/2015 1:36:07 PM

Quant Time: Feb 09 12:02:31 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 07 00:48:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	25210	20.00	ng		0.00
21) Naphthalene-d8	10.56	136	108397	20.00	ng		0.00
38) Acenaphthene-d10	14.67	164	53639	20.00	ng		0.00
63) Phenanthrene-d10	17.54	188	105100	20.00	ng		0.00
75) Chrysene-d12	21.05	240	105423	20.00	ng		0.00
86) Perylene-d12	22.69	264	88619	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.66	112	167268	109.09	ng		0.00
7) Phenol-d6	7.06	99	209611	108.37	ng		0.00
23) Nitrobenzene-d5	8.96	82	132405	67.67	ng		0.00
41) 2,4,6-Tribromophenol	16.42	330	51503	118.29	ng		0.00
44) 2-Fluorobiphenyl	13.21	172	274506	77.88	ng		0.00
78) Terphenyl-d14	19.79	244	306231	66.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.09	88	20461	31.16	ng	#	78
3) Pyridine	1.54	79	49174	28.94	ng		97
4) n-Nitrosodimethylamine	1.49	42	31449	37.37	ng		96
6) Aniline	6.93	93	39030	14.58	ng		96
8) 2-Chlorophenol	7.17	128	61777	34.95	ng		93
10) Phenol	7.09	94	62201	30.28	ng		94
11) bis(2-Chloroethyl)ether	7.18	93	55879	34.77	ng	#	86
12) 1,3-Dichlorobenzene	7.48	146	64663	32.15	ng		95
13) 1,4-Dichlorobenzene	7.68	146	64122	30.07	ng		96
14) 1,2-Dichlorobenzene	8.00	146	63894	32.52	ng		95
15) Benzyl Alcohol	8.10	79	49221	31.45	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.44	45	71826	33.25	ng		76
17) 2-Methylphenol	8.45	107	45886	31.76	ng		99
18) Hexachloroethane	8.74	117	25196	33.97	ng		93
19) n-Nitroso-di-n-propylamine	8.73	70	42936	31.71	ng		99
20) 3+4-Methylphenols	8.84	107	53586	28.02	ng		92
22) Acetophenone	8.65	105	86913	32.74	ng		99
24) Nitrobenzene	8.99	77	60479	30.34	ng		95
25) Isophorone	9.60	82	115565	32.43	ng		98
26) 2-Nitrophenol	9.73	139	28532	28.69	ng	#	85
27) 2,4-Dimethylphenol	10.03	122	53722	34.85	ng		93
28) bis(2-Chloroethoxy)methane	10.22	93	68934	34.04	ng		97
29) 2,4-Dichlorophenol	10.35	162	44230	30.79	ng		96
30) 1,2,4-Trichlorobenzene	10.46	180	53023	33.23	ng		93
31) Naphthalene	10.60	128	176687	31.66	ng		97
32) Benzoic acid	10.43	122	9948m	11.65	ng		
33) 4-Chloroaniline	10.86	127	39219m	17.39	ng		
34) Hexachlorobutadiene	10.97	225	30045	31.74	ng		97
35) Caprolactam	11.71	113	12915m	30.54	ng		
36) 4-Chloro-3-methylphenol	12.18	107	52104	31.68	ng		98
37) 2-Methylnaphthalene	12.26	142	127254	33.39	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.66	216	48391	36.49	ng		97
40) Hexachlorocyclopentadiene	12.64	237	44359	63.16	ng		98
42) 2,4,6-Trichlorophenol	13.03	196	31435	32.53	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.12	196	29109	29.54	ng	#	92
45) 1,1'-Biphenyl	13.40	154	148175	37.26	ng		98
46) 2-Chloronaphthalene	13.38	162	119713	36.58	ng		96
47) 2-Nitroaniline	13.73	65	36278	36.55	ng		96
48) Acenaphthylene	14.33	152	190829	34.57	ng		97
49) Dimethylphthalate	14.29	163	144639	38.02	ng		98
50) 2,6-Dinitrotoluene	14.39	165	29641	39.00	ng		96
51) Acenaphthene	14.75	154	107989	34.48	ng		92
52) 3-Nitroaniline	14.74	138	22399	23.53	ng		98
53) 2,4-Dinitrophenol	15.03	184	16502	51.22	ng		89
54) Dibenzofuran	15.17	168	168924	37.03	ng		97
55) 4-Nitrophenol	15.36	139	31102	52.16	ng		94
56) 2,4-Dinitrotoluene	15.32	165	40974	36.49	ng	#	92
57) Fluorene	15.94	166	139909	36.20	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.54	232	24541	34.20	ng	#	97
59) Diethylphthalate	15.95	149	153931	40.04	ng		100
60) 4-Chlorophenyl-phenylether	16.04	204	59640	37.72	ng	#	85
61) 4-Nitroaniline	16.10	138	27463	29.24	ng		88
62) Azobenzene	16.33	77	151146	37.73	ng		98
64) 4,6-Dinitro-2-methylphenol	16.18	198	17160	26.96	ng		83
65) n-Nitrosodiphenylamine	16.29	169	120385	32.12	ng		98
66) 4-Bromophenyl-phenylether	16.91	248	34447	32.35	ng	#	86
67) Hexachlorobenzene	16.92	284	35711	31.83	ng		96
68) Atrazine	17.30	200	41147	36.18	ng		93
69) Pentachlorophenol	17.30	266	23449	48.53	ng		95
70) Phenanthrene	17.57	178	201944	30.81	ng		98
71) Anthracene	17.65	178	207162	32.41	ng		99
72) Carbazole	17.95	167	200227	32.30	ng		99
73) Di-n-butylphthalate	18.55	149	250884	34.96	ng		98
74) Fluoranthene	19.23	202	210600	31.36	ng		98
76) Benzidine	19.48	184	86014	25.50	ng		98
77) Pyrene	19.52	202	230858	31.95	ng		99
79) Butylbenzylphthalate	20.45	149	112901	34.50	ng		94
80) Benzo(a)anthracene	21.04	228	205225	31.03	ng		99
81) 3,3'-Dichlorobenzidine	21.06	252	50630	24.09	ng	#	95
82) Chrysene	21.08	228	190718	31.62	ng		99
83) Bis(2-ethylhexyl)phthalate	21.20	149	164418	36.32	ng	#	98
84) Di-n-octyl phthalate	21.95	149	280088	35.65	ng		98
85) Indeno(1,2,3-cd)pyrene	23.78	276	194698	30.46	ng	#	84
87) Benzo(b)fluoranthene	22.28	252	188235m	31.54	ng		
88) Benzo(k)fluoranthene	22.32	252	181572m	34.82	ng		
89) Benzo(a)pyrene	22.63	252	179967	34.18	ng	#	95
90) Dibenzo(a,h)anthracene	23.80	278	156601	32.42	ng	#	92
91) Benzo(g,h,i)perylene	24.04	276	162526	33.84	ng	#	89

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

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