Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072315\
Data File : BF080602.D
Acq On : 23 Jul 2015 20:13
Operator : TP/UM
Sample : PB84614BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84614BS

Manual Integrations APPROVED
apatel
7/24/2015 4:47:14 PM

Quant Time: Jul 24 00:53:25 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 23 19:10:33 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	40444	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	155675	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	72142	20.00	ng		0.00
63) Phenanthrene-d10	11.48	188	122707	20.00	ng		0.00
75) Chrysene-d12	14.20	240	111933	20.00	ng		-0.10
86) Perylene-d12	15.79	264	80585	20.00	ng		-0.21
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	295021	125.99	ng		0.01
7) Phenol-d6	6.56	99	355957	124.35	ng		0.00
23) Nitrobenzene-d5	7.50	82	233270	84.90	ng		0.00
41) 2,4,6-Tribromophenol	10.78	330	78280	136.94	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	413979	83.26	ng		0.00
78) Terphenyl-d14	13.08	244	422675	79.02	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	32545	29.17	ng	#	100
3) Pyridine	3.29	79	80835	27.27	ng		87
4) n-Nitrosodimethylamine	3.20	42	66080	35.27	ng	#	96
6) Aniline	6.60	93	113528	27.14	ng		98
8) 2-Chlorophenol	6.73	128	94661	37.64	ng		95
9) Benzaldehyde	6.49	77	27987	13.22	ng		99
10) Phenol	6.57	94	134521	39.28	ng		87
11) bis(2-Chloroethyl)ether	6.67	93	87767	36.91	ng		98
12) 1,3-Dichlorobenzene	6.89	146	115210	36.13	ng		99
13) 1,4-Dichlorobenzene	6.97	146	108518	34.68	ng		99
14) 1,2-Dichlorobenzene	7.12	146	109980	37.91	ng		99
15) Benzyl Alcohol	7.08	79	98028	38.86	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.23	45	186982	38.79	ng		99
17) 2-Methylphenol	7.18	107	76440	38.56	ng		95
18) Hexachloroethane	7.47	117	39708	36.69	ng		96
19) n-Nitroso-di-n-propylamine	7.36	70	72388	37.32	ng		99
20) 3+4-Methylphenols	7.34	107	105558	38.52	ng		89
22) Acetophenone	7.36	105	142578	37.60	ng		97
24) Nitrobenzene	7.53	77	116537	39.68	ng		99
25) Isophorone	7.77	82	198484	39.01	ng		99
26) 2-Nitrophenol	7.85	139	39310	37.46	ng		95
27) 2,4-Dimethylphenol	7.88	122	91154	39.32	ng		97
28) bis(2-Chloroethoxy)methane	7.98	93	111322	39.59	ng		99
29) 2,4-Dichlorophenol	8.09	162	75579	39.87	ng		99
30) 1,2,4-Trichlorobenzene	8.18	180	93120	37.78	ng		98
31) Naphthalene	8.26	128	289172	37.13	ng		99
32) Benzoic acid	7.94	122	41694m	39.94	ng		
33) 4-Chloroaniline	8.30	127	58779	19.24	ng		95
34) Hexachlorobutadiene	8.38	225	51545	35.87	ng		98
35) Caprolactam	8.64	113	20424	40.01	ng	#	78
36) 4-Chloro-3-methylphenol	8.77	107	97499	43.23	ng		97
37) 2-Methylnaphthalene	8.94	142	169410	38.85	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	90513	37.10	ng	#	94
40) Hexachlorocyclopentadiene	9.10	237	112160	87.31	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	52039	38.03	ng		99
43) 2,4,5-Trichlorophenol	9.25	196	56862	41.17	ng		98
45) 1,1'-Biphenyl	9.41	154	235920	40.17	ng		99
46) 2-Chloronaphthalene	9.44	162	184000	38.73	ng		97
47) 2-Nitroaniline	9.53	65	57349	39.58	ng		94
48) Acenaphthylene	9.85	152	257557	36.60	ng		97
49) Dimethylphthalate	9.71	163	221232	41.68	ng		98
50) 2,6-Dinitrotoluene	9.77	165	43691	44.01	ng		98
51) Acenaphthene	10.03	154	176919	41.85	ng		95
52) 3-Nitroaniline	9.94	138	30581	28.32	ng	#	97
53) 2,4-Dinitrophenol	10.04	184	28366	78.74	ng	#	65
54) Dibenzofuran	10.20	168	241208	39.48	ng		100
55) 4-Nitrophenol	10.08	139	61013	78.23	ng	#	84
56) 2,4-Dinitrotoluene	10.17	165	57501	46.24	ng	#	90
57) Fluorene	10.54	166	194499	39.65	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	45669m	42.49	ng		
59) Diethylphthalate	10.41	149	199392	40.25	ng		99
60) 4-Chlorophenyl-phenylether	10.53	204	90840	41.23	ng		96
61) 4-Nitroaniline	10.54	138	40753	37.48	ng		93
62) Azobenzene	10.69	77	214853	41.40	ng		96
64) 4,6-Dinitro-2-methylphenol	10.58	198	17566	44.63	ng	#	76
65) n-Nitrosodiphenylamine	10.65	169	174800	43.41	ng		100
66) 4-Bromophenyl-phenylether	11.02	248	55797	44.73	ng		87
67) Hexachlorobenzene	11.09	284	56566	40.16	ng	#	93
68) Atrazine	11.17	200	51139	46.23	ng		97
69) Pentachlorophenol	11.28	266	63465	96.57	ng		97
70) Phenanthrene	11.50	178	301319	43.50	ng		98
71) Anthracene	11.55	178	285329	43.99	ng		100
72) Carbazole	11.71	167	248455	44.30	ng		97
73) Di-n-butylphthalate	12.04	149	279546	42.88	ng	#	97
74) Fluoranthene	12.69	202	274566	44.30	ng		99
76) Benzidine	12.82	184	199779	60.73	ng		98
77) Pyrene	12.93	202	293875	39.13	ng		98
79) Butylbenzylphthalate	13.59	149	101725	38.84	ng		94
80) Benzo(a)anthracene	14.19	228	253583	40.18	ng		99
81) 3,3'-Dichlorobenzidine	14.16	252	58391	32.37	ng	#	97
82) Chrysene	14.23	228	241869	38.52	ng		96
83) Bis(2-ethylhexyl)phthalate	14.20	149	150475	40.98	ng	#	100
84) Di-n-octyl phthalate	14.91	149	205301	40.91	ng		96
85) Indeno(1,2,3-cd)pyrene	17.29	276	190356	40.07	ng		98
87) Benzo(b)fluoranthene	15.36	252	187972	38.35	ng		99
88) Benzo(k)fluoranthene	15.39	252	212359m	43.53	ng		
89) Benzo(a)pyrene	15.73	252	184628	42.46	ng	#	93
90) Dibenzo(a,h)anthracene	17.32	278	160346	39.05	ng	#	96
91) Benzo(g,h,i)perylene	17.73	276	167252	39.87	ng		95

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

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