Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031315\
Data File : BF077739.D
Acq On : 13 Mar 2015 14:56
Operator : TP/IZ
Sample : PB82103BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB82103BSD

Manual Integrations APPROVED
mohammad
3/19/2015 11:35:12 AM

Quant Time: Mar 14 00:07:51 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 13 14:04:45 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	49532	20.00	ng		0.00
21) Naphthalene-d8	8.75	136	213693	20.00	ng		0.00
38) Acenaphthene-d10	10.91	164	111094	20.00	ng		0.00
63) Phenanthrene-d10	12.75	188	217042	20.00	ng		0.00
75) Chrysene-d12	16.03	240	226889	20.00	ng		0.00
86) Perylene-d12	17.76	264	211227	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	340430	119.97	ng		0.00
7) Phenol-d6	6.74	99	441891	126.04	ng		0.00
23) Nitrobenzene-d5	7.86	82	233672	71.68	ng		0.00
41) 2,4,6-Tribromophenol	11.89	330	115227	108.41	ng		0.00
44) 2-Fluorobiphenyl	10.09	172	536739	71.00	ng		0.00
78) Terphenyl-d14	14.74	244	646504	69.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.08	88	36328	28.20	ng	#	100
3) Pyridine	2.77	79	92898	26.84	ng		98
4) n-Nitrosodimethylamine	2.69	42	48749	32.34	ng	#	88
6) Aniline	6.75	93	91281	18.20	ng	#	1
8) 2-Chlorophenol	6.90	128	125929	37.28	ng		97
9) Benzaldehyde	6.61	77	10768	7.50	ng		96
10) Phenol	6.75	94	152916	36.90	ng		90
11) bis(2-Chloroethyl)ether	6.86	93	114496	36.88	ng		98
12) 1,3-Dichlorobenzene	7.09	146	126979	33.80	ng		97
13) 1,4-Dichlorobenzene	7.18	146	128170	32.83	ng		92
14) 1,2-Dichlorobenzene	7.37	146	120585	33.70	ng	#	93
15) Benzyl Alcohol	7.36	79	98756	36.09	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.54	45	150098	35.88	ng		99
17) 2-Methylphenol	7.50	107	100551	36.57	ng		98
18) Hexachloroethane	7.79	117	43909	34.30	ng		94
19) n-Nitroso-di-n-propylamine	7.69	70	83096	34.26	ng		99
20) 3+4-Methylphenols	7.70	107	133225	36.92	ng		98
22) Acetophenone	7.68	105	163299	34.52	ng	#	98
24) Nitrobenzene	7.88	77	118423	33.72	ng		97
25) Isophorone	8.18	82	216668	32.91	ng	#	91
26) 2-Nitrophenol	8.28	139	58210	33.86	ng		96
27) 2,4-Dimethylphenol	8.35	122	110455	35.26	ng		99
28) bis(2-Chloroethoxy)methane	8.46	93	139661	34.95	ng		98
29) 2,4-Dichlorophenol	8.58	162	106557	35.69	ng		96
30) 1,2,4-Trichlorobenzene	8.68	180	107154	32.08	ng		99
31) Naphthalene	8.77	128	363192	33.09	ng		100
32) Benzoic acid	8.45	122	45357	27.38	ng		96
33) 4-Chloroaniline	8.85	127	84693	19.01	ng		98
34) Hexachlorobutadiene	8.93	225	59337	31.34	ng		99
35) Caprolactam	9.26	113	31772	36.41	ng		97
36) 4-Chloro-3-methylphenol	9.46	107	111664	37.17	ng		94
37) 2-Methylnaphthalene	9.63	142	257503	34.92	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.84	216	109085	32.92	ng	#	100
40) Hexachlorocyclopentadiene	9.82	237	107262	65.27	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.98	196	76390	33.28	ng		99
43) 2,4,5-Trichlorophenol	10.03	196	80822	32.59	ng		98
45) 1,1'-Biphenyl	10.21	154	297465	33.50	ng		97
46) 2-Chloronaphthalene	10.22	162	238007	32.98	ng	#	93
47) 2-Nitroaniline	10.36	65	67655	37.75	ng		94
48) Acenaphthylene	10.74	152	390213	32.51	ng		99
49) Dimethylphthalate	10.60	163	298375	36.21	ng		99
50) 2,6-Dinitrotoluene	10.67	165	60790	35.59	ng		97
51) Acenaphthene	10.96	154	221667	32.21	ng		98
52) 3-Nitroaniline	10.86	138	48177	24.29	ng	#	67
53) 2,4-Dinitrophenol	11.00	184	38193	62.80	ng		98
54) Dibenzofuran	11.17	168	349084	34.20	ng		99
55) 4-Nitrophenol	11.09	139	104333	71.01	ng		89
56) 2,4-Dinitrotoluene	11.16	165	80398	36.10	ng	#	98
57) Fluorene	11.60	166	280007	33.04	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.32	232	66149	34.64	ng	#	100
59) Diethylphthalate	11.48	149	282264	35.16	ng		98
60) 4-Chlorophenyl-phenylether	11.61	204	132769	34.33	ng		95
61) 4-Nitroaniline	11.63	138	64040	32.39	ng		97
62) Azobenzene	11.80	77	266978	34.79	ng		96
64) 4,6-Dinitro-2-methylphenol	11.66	198	31974	32.71	ng		89
65) n-Nitrosodiphenylamine	11.76	169	253204	35.04	ng		99
66) 4-Bromophenyl-phenylether	12.21	248	81052	34.99	ng		94
67) Hexachlorobenzene	12.26	284	81961	32.20	ng	#	70
68) Atrazine	12.43	200	78819	38.92	ng		98
69) Pentachlorophenol	12.52	266	85558	64.79	ng		99
70) Phenanthrene	12.79	178	420397	33.74	ng		99
71) Anthracene	12.84	178	421947	34.28	ng		100
72) Carbazole	13.05	167	390430	33.34	ng		99
73) Di-n-butylphthalate	13.51	149	460829	35.10	ng		100
74) Fluoranthene	14.25	202	444550	32.35	ng		93
76) Benzidine	14.43	184	198491	35.31	ng		98
77) Pyrene	14.53	202	481057	33.72	ng		99
79) Butylbenzylphthalate	15.37	149	198897	35.36	ng		95
80) Benzo(a)anthracene	16.02	228	445833	33.15	ng		99
81) 3,3'-Dichlorobenzidine	16.00	252	104076	23.46	ng	#	99
82) Chrysene	16.07	228	416097	34.41	ng		100
83) Bis(2-ethylhexyl)phthalate	16.09	149	304080	35.69	ng		99
84) Di-n-octyl phthalate	16.88	149	509998	35.00	ng		100
85) Indeno(1,2,3-cd)pyrene	19.14	276	442182	29.29	ng	#	100
87) Benzo(b)fluoranthene	17.31	252	407835	29.58	ng		97
88) Benzo(k)fluoranthene	17.35	252	437870m	40.65	ng		
89) Benzo(a)pyrene	17.69	252	403352	35.06	ng	#	97
90) Dibenzo(a,h)anthracene	19.17	278	384673	33.71	ng		99
91) Benzo(g,h,i)perylene	19.55	276	383431	33.00	ng		98

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

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