Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031115\
Data File : BF077690.D
Acq On : 11 Mar 2015 15:55
Operator : TP/IZ
Sample : PB82044BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB82044BS

Manual Integrations APPROVED
mohammad
3/13/2015 9:40:03 AM

Quant Time: Mar 12 05:04:07 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 12 02:24:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	48848	20.00	ng		0.00
21) Naphthalene-d8	8.75	136	194172	20.00	ng		0.00
38) Acenaphthene-d10	10.92	164	101614	20.00	ng		0.01
63) Phenanthrene-d10	12.75	188	220368	20.00	ng		0.00
75) Chrysene-d12	16.04	240	199500	20.00	ng		0.01
86) Perylene-d12	17.79	264	191345	20.00	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	361602	129.21	ng		0.00
7) Phenol-d6	6.74	99	470846	136.18	ng		0.00
23) Nitrobenzene-d5	7.86	82	255404	86.22	ng		0.00
41) 2,4,6-Tribromophenol	11.89	330	125031	128.60	ng		0.00
44) 2-Fluorobiphenyl	10.09	172	599529	86.71	ng		0.00
78) Terphenyl-d14	14.75	244	711216	87.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.08	88	47971	37.76	ng	#	100
3) Pyridine	2.77	79	120603	35.33	ng		100
4) n-Nitrosodimethylamine	2.69	42	61257	41.21	ng		84
6) Aniline	6.76	93	114899	23.23	ng	#	86
8) 2-Chlorophenol	6.90	128	133581	40.10	ng		99
9) Benzaldehyde	6.61	77	14021	9.90	ng		94
10) Phenol	6.75	94	165185	40.42	ng		89
11) bis(2-Chloroethyl)ether	6.86	93	127140	41.53	ng		99
12) 1,3-Dichlorobenzene	7.09	146	141398	38.17	ng		99
13) 1,4-Dichlorobenzene	7.20	146	140010	36.37	ng		98
14) 1,2-Dichlorobenzene	7.38	146	135258	38.32	ng		98
15) Benzyl Alcohol	7.36	79	109304	40.50	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.54	45	157334	38.14	ng		99
17) 2-Methylphenol	7.50	107	107645	39.70	ng		99
18) Hexachloroethane	7.79	117	48368	38.31	ng		97
19) n-Nitroso-di-n-propylamine	7.69	70	87976	36.78	ng		98
20) 3+4-Methylphenols	7.70	107	142047	39.92	ng		97
22) Acetophenone	7.68	105	174940	40.70	ng		99
24) Nitrobenzene	7.88	77	127135	39.84	ng		100
25) Isophorone	8.19	82	238358	39.84	ng		97
26) 2-Nitrophenol	8.28	139	65960	42.22	ng		98
27) 2,4-Dimethylphenol	8.35	122	124936	43.89	ng		100
28) bis(2-Chloroethoxy)methane	8.48	93	148750	40.97	ng		98
29) 2,4-Dichlorophenol	8.58	162	118801	43.79	ng		99
30) 1,2,4-Trichlorobenzene	8.68	180	121046	39.88	ng		99
31) Naphthalene	8.77	128	393526	39.46	ng		100
32) Benzoic acid	8.45	122	67076	42.62	ng		98
33) 4-Chloroaniline	8.85	127	93711	23.15	ng		98
34) Hexachlorobutadiene	8.93	225	66589	38.70	ng		97
35) Caprolactam	9.26	113	35614	44.92	ng		94
36) 4-Chloro-3-methylphenol	9.46	107	125218	45.87	ng		95
37) 2-Methylnaphthalene	9.63	142	271612	40.54	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.84	216	125337	41.35	ng	#	100
40) Hexachlorocyclopentadiene	9.82	237	123563	81.38	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.98	196	87596	41.72	ng		100
43) 2,4,5-Trichlorophenol	10.03	196	92755	40.90	ng		97
45) 1,1'-Biphenyl	10.21	154	334001	41.12	ng		99
46) 2-Chloronaphthalene	10.24	162	264098	40.01	ng		100
47) 2-Nitroaniline	10.36	65	71051	43.34	ng		95
48) Acenaphthylene	10.74	152	414153	37.73	ng		100
49) Dimethylphthalate	10.60	163	305213	40.50	ng		99
50) 2,6-Dinitrotoluene	10.67	165	66429	42.52	ng		95
51) Acenaphthene	10.96	154	240352	38.19	ng		100
52) 3-Nitroaniline	10.88	138	52078	28.70	ng		100
53) 2,4-Dinitrophenol	11.01	184	52886	90.92	ng	#	64
54) Dibenzofuran	11.17	168	383078	41.04	ng		98
55) 4-Nitrophenol	11.09	139	113364	84.35	ng		85
56) 2,4-Dinitrotoluene	11.17	165	91200	44.77	ng	#	71
57) Fluorene	11.60	166	310582	40.07	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.32	232	75742	43.37	ng	#	100
59) Diethylphthalate	11.48	149	310435	42.27	ng		99
60) 4-Chlorophenyl-phenylether	11.61	204	141380	39.97	ng		97
61) 4-Nitroaniline	11.63	138	73226	40.50	ng		93
62) Azobenzene	11.80	77	279238	39.79	ng		97
64) 4,6-Dinitro-2-methylphenol	11.67	198	36245	36.01	ng		93
65) n-Nitrosodiphenylamine	11.76	169	267845	36.50	ng		99
66) 4-Bromophenyl-phenylether	12.21	248	88429	37.60	ng		94
67) Hexachlorobenzene	12.27	284	95176	36.83	ng		98
68) Atrazine	12.43	200	83753	40.73	ng		98
69) Pentachlorophenol	12.52	266	103424	76.56	ng		99
70) Phenanthrene	12.79	178	500490	39.56	ng		99
71) Anthracene	12.85	178	495405	39.64	ng		99
72) Carbazole	13.06	167	479933	40.37	ng		98
73) Di-n-butylphthalate	13.52	149	562917	42.23	ng		98
74) Fluoranthene	14.26	202	488169	34.98	ng		98
76) Benzidine	14.44	184	211992	43.00	ng		99
77) Pyrene	14.53	202	503071	40.10	ng		99
79) Butylbenzylphthalate	15.37	149	216205	43.71	ng		89
80) Benzo(a)anthracene	16.03	228	480094	40.60	ng		100
81) 3,3'-Dichlorobenzidine	16.01	252	108937	27.93	ng		99
82) Chrysene	16.08	228	444362	41.79	ng		99
83) Bis(2-ethylhexyl)phthalate	16.10	149	319502	42.64	ng		100
84) Di-n-octyl phthalate	16.90	149	547712	42.75	ng		99
85) Indeno(1,2,3-cd)pyrene	19.20	276	516765m	38.94	ng		
87) Benzo(b)fluoranthene	17.35	252	468281	37.49	ng	#	96
88) Benzo(k)fluoranthene	17.38	252	457799m	46.92	ng		
89) Benzo(a)pyrene	17.73	252	447707	42.95	ng		100
90) Dibenzo(a,h)anthracene	19.22	278	417246	40.36	ng		97
91) Benzo(g,h,i)perylene	19.61	276	425553	40.44	ng		95

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

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