Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
Data File : BF077586.D
Acq On : 4 Mar 2015 17:15
Operator : TP/IZ
Sample : PB81974BS
Misc : W
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB81974BS

Manual Integrations APPROVED
mohammad
3/5/2015 12:47:46 PM

Quant Time: Mar 04 23:38:43 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 21:51:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	60558	20.00	ng		0.00
21) Naphthalene-d8	8.80	136	247540	20.00	ng		0.00
38) Acenaphthene-d10	10.97	164	123201	20.00	ng		0.00
63) Phenanthrene-d10	12.81	188	226690	20.00	ng		0.00
75) Chrysene-d12	16.11	240	252356	20.00	ng		0.00
86) Perylene-d12	17.88	264	253255	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	413304	113.94	ng		0.00
7) Phenol-d6	6.79	99	500225	107.25	ng		0.00
23) Nitrobenzene-d5	7.91	82	301968	75.86	ng		0.00
41) 2,4,6-Tribromophenol	11.95	330	131473	110.83	ng		0.00
44) 2-Fluorobiphenyl	10.15	172	609706	77.17	ng		0.00
78) Terphenyl-d14	14.81	244	718337	66.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	50227	32.63	ng		98
3) Pyridine	2.90	79	145957	33.14	ng		100
4) n-Nitrosodimethylamine	2.81	42	67928	35.48	ng		99
6) Aniline	6.81	93	116311	18.04	ng	#	48
8) 2-Chlorophenol	6.95	128	146182	34.16	ng		89
9) Benzaldehyde	6.67	77	24425	8.63	ng		98
10) Phenol	6.80	94	172117	31.10	ng	#	59
11) bis(2-Chloroethyl)ether	6.91	93	129834	32.65	ng		88
12) 1,3-Dichlorobenzene	7.15	146	147940	31.75	ng	#	89
13) 1,4-Dichlorobenzene	7.24	146	150932	31.84	ng		97
14) 1,2-Dichlorobenzene	7.43	146	147267	32.66	ng		98
15) Benzyl Alcohol	7.40	79	118485	33.42	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.58	45	184662	32.49	ng		96
17) 2-Methylphenol	7.55	107	115319	34.48	ng		97
18) Hexachloroethane	7.85	117	52876	33.40	ng		96
19) n-Nitroso-di-n-propylamine	7.74	70	94949	32.06	ng		92
20) 3+4-Methylphenols	7.74	107	150842	34.24	ng	#	75
22) Acetophenone	7.73	105	199591	34.28	ng	#	86
24) Nitrobenzene	7.94	77	147704	35.27	ng		91
25) Isophorone	8.24	82	258753	32.76	ng		96
26) 2-Nitrophenol	8.33	139	64594	37.63	ng		90
27) 2,4-Dimethylphenol	8.40	122	134475	35.01	ng		99
28) bis(2-Chloroethoxy)methane	8.52	93	163960	32.86	ng		98
29) 2,4-Dichlorophenol	8.63	162	119121	33.04	ng		92
30) 1,2,4-Trichlorobenzene	8.73	180	123180	31.08	ng		97
31) Naphthalene	8.83	128	405667	32.77	ng		98
32) Benzoic acid	8.49	122	63344	33.94	ng		97
33) 4-Chloroaniline	8.90	127	104175	18.93	ng	#	94
34) Hexachlorobutadiene	8.98	225	69768	30.83	ng		99
35) Caprolactam	9.32	113	37900	34.44	ng		90
36) 4-Chloro-3-methylphenol	9.51	107	118683	32.75	ng		94
37) 2-Methylnaphthalene	9.68	142	286438	32.58	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.89	216	123824	35.03	ng		98
40) Hexachlorocyclopentadiene	9.88	237	114633	60.48	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.04	196	84316	36.02	ng		97
43) 2,4,5-Trichlorophenol	10.08	196	89422	35.72	ng	#	81
45) 1,1'-Biphenyl	10.27	154	336627	36.07	ng		98
46) 2-Chloronaphthalene	10.29	162	258884	35.36	ng		99
47) 2-Nitroaniline	10.42	65	76854	42.65	ng	#	77
48) Acenaphthylene	10.80	152	422484	36.46	ng		100
49) Dimethylphthalate	10.66	163	303758	35.08	ng		98
50) 2,6-Dinitrotoluene	10.73	165	68748	39.58	ng	#	78
51) Acenaphthene	11.01	154	249861	36.13	ng		99
52) 3-Nitroaniline	10.93	138	50513	25.23	ng		93
53) 2,4-Dinitrophenol	11.06	184	43914	83.10	ng	#	66
54) Dibenzofuran	11.23	168	384673	36.03	ng		97
55) 4-Nitrophenol	11.14	139	117077	72.69	ng	#	56
56) 2,4-Dinitrotoluene	11.22	165	88814	37.85	ng	#	74
57) Fluorene	11.65	166	307588	36.03	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.38	232	74544	37.04	ng		96
59) Diethylphthalate	11.53	149	283755	33.24	ng		97
60) 4-Chlorophenyl-phenylether	11.66	204	139234	33.85	ng		98
61) 4-Nitroaniline	11.68	138	70929	36.96	ng		98
62) Azobenzene	11.86	77	290577	35.87	ng		97
64) 4,6-Dinitro-2-methylphenol	11.72	198	31371	35.71	ng		75
65) n-Nitrosodiphenylamine	11.81	169	269971	35.89	ng		100
66) 4-Bromophenyl-phenylether	12.27	248	85500	32.21	ng		92
67) Hexachlorobenzene	12.33	284	94390	33.13	ng	#	87
68) Atrazine	12.48	200	82376	33.69	ng		93
69) Pentachlorophenol	12.58	266	102989	68.77	ng		99
70) Phenanthrene	12.84	178	453568	34.52	ng		100
71) Anthracene	12.91	178	458591	35.17	ng		98
72) Carbazole	13.11	167	451349	36.41	ng		99
73) Di-n-butylphthalate	13.57	149	460683	31.65	ng		99
74) Fluoranthene	14.32	202	499636	34.81	ng		99
76) Benzidine	14.50	184	222527	26.10	ng		98
77) Pyrene	14.60	202	533590	34.57	ng		98
79) Butylbenzylphthalate	15.43	149	204069	32.13	ng	#	84
80) Benzo(a)anthracene	16.09	228	501742	33.92	ng		99
81) 3,3'-Dichlorobenzidine	16.07	252	107853	19.90	ng		97
82) Chrysene	16.14	228	473743	34.11	ng		99
83) Bis(2-ethylhexyl)phthalate	16.16	149	292964	28.77	ng	#	96
84) Di-n-octyl phthalate	16.97	149	502651	29.56	ng		99
85) Indeno(1,2,3-cd)pyrene	19.32	276	564008	35.62	ng		99
87) Benzo(b)fluoranthene	17.42	252	493499	33.51	ng	#	98
88) Benzo(k)fluoranthene	17.46	252	503682m	34.90	ng		
89) Benzo(a)pyrene	17.82	252	486618	34.69	ng	#	98
90) Dibenzo(a,h)anthracene	19.35	278	460276	34.41	ng		99
91) Benzo(g,h,i)perylene	19.74	276	476225	35.27	ng	#	94

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

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