Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031115\
Data File : BF077704.D
Acq On : 12 Mar 2015 00:19
Operator : TP/IZ
Sample : PB82075BS
Misc : W
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB82075BS

Manual Integrations APPROVED
mohammad
3/13/2015 9:40:46 AM

Quant Time: Mar 12 06:43:31 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	54100	20.00	ng		0.00
21) Naphthalene-d8	8.75	136	227526	20.00	ng		0.00
38) Acenaphthene-d10	10.91	164	117502	20.00	ng		0.00
63) Phenanthrene-d10	12.75	188	217383	20.00	ng		0.00
75) Chrysene-d12	16.03	240	229339	20.00	ng		0.00
86) Perylene-d12	17.70	264	221362	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	387541	125.04	ng		0.00
7) Phenol-d6	6.74	99	508857	132.89	ng		0.00
23) Nitrobenzene-d5	7.86	82	268785	77.44	ng		0.00
41) 2,4,6-Tribromophenol	11.89	330	124594	110.83	ng		0.00
44) 2-Fluorobiphenyl	10.09	172	619621	77.50	ng		0.00
78) Terphenyl-d14	14.75	244	745820	79.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.08	88	39415	28.01	ng	#	100
3) Pyridine	2.76	79	125805	33.27	ng		97
4) n-Nitrosodimethylamine	2.69	42	49950	30.34	ng	#	99
6) Aniline	6.75	93	116716	21.31	ng	#	1
8) 2-Chlorophenol	6.90	128	150202	40.71	ng		98
9) Benzaldehyde	6.61	77	15569	9.92	ng		94
10) Phenol	6.75	94	196206	43.34	ng		85
11) bis(2-Chloroethyl)ether	6.86	93	136566	40.28	ng		98
12) 1,3-Dichlorobenzene	7.09	146	153763	37.47	ng		99
13) 1,4-Dichlorobenzene	7.20	146	151458	35.52	ng		98
14) 1,2-Dichlorobenzene	7.37	146	146546	37.49	ng	#	92
15) Benzyl Alcohol	7.36	79	119784	40.07	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.54	45	183902	40.25	ng		99
17) 2-Methylphenol	7.50	107	119079	39.65	ng		98
18) Hexachloroethane	7.79	117	53492	38.25	ng		97
19) n-Nitroso-di-n-propylamine	7.69	70	100800	38.05	ng		99
20) 3+4-Methylphenols	7.70	107	162403	41.21	ng		98
22) Acetophenone	7.68	105	200067	39.72	ng	#	99
24) Nitrobenzene	7.88	77	140704	37.63	ng		98
25) Isophorone	8.18	82	262856	37.50	ng	#	91
26) 2-Nitrophenol	8.28	139	72219	39.45	ng		97
27) 2,4-Dimethylphenol	8.35	122	134268	40.26	ng		98
28) bis(2-Chloroethoxy)methane	8.46	93	169535	39.85	ng		100
29) 2,4-Dichlorophenol	8.58	162	131126	41.25	ng		97
30) 1,2,4-Trichlorobenzene	8.68	180	135269	38.03	ng		99
31) Naphthalene	8.77	128	436183	37.33	ng		100
32) Benzoic acid	8.45	122	63004	34.78	ng		97
33) 4-Chloroaniline	8.85	127	99243	20.93	ng		98
34) Hexachlorobutadiene	8.93	225	72077	35.75	ng		98
35) Caprolactam	9.26	113	38207	41.12	ng		93
36) 4-Chloro-3-methylphenol	9.46	107	130572	40.82	ng		99
37) 2-Methylnaphthalene	9.63	142	311791	39.72	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.84	216	136589	38.97	ng	#	100
40) Hexachlorocyclopentadiene	9.82	237	135959	77.59	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.98	196	92849	38.25	ng		99
43) 2,4,5-Trichlorophenol	10.03	196	96154	36.66	ng		98
45) 1,1'-Biphenyl	10.21	154	370995	39.50	ng		99
46) 2-Chloronaphthalene	10.22	162	284197	37.23	ng	#	91
47) 2-Nitroaniline	10.36	65	77790	41.03	ng		95
48) Acenaphthylene	10.74	152	463559	36.52	ng		99
49) Dimethylphthalate	10.60	163	340132	39.03	ng		100
50) 2,6-Dinitrotoluene	10.67	165	73115	40.47	ng		96
51) Acenaphthene	10.96	154	264351	36.32	ng		99
52) 3-Nitroaniline	10.86	138	54307	25.88	ng	#	71
53) 2,4-Dinitrophenol	11.00	184	49458	75.08	ng		96
54) Dibenzofuran	11.17	168	423705	39.25	ng		100
55) 4-Nitrophenol	11.09	139	131811	84.81	ng		93
56) 2,4-Dinitrotoluene	11.16	165	96120	40.80	ng	#	91
57) Fluorene	11.60	166	338955	37.82	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.32	232	79513	39.37	ng	#	100
59) Diethylphthalate	11.48	149	332565	39.16	ng		98
60) 4-Chlorophenyl-phenylether	11.61	204	154705	37.82	ng		98
61) 4-Nitroaniline	11.63	138	74307	35.54	ng		97
62) Azobenzene	11.80	77	313396	38.62	ng		98
64) 4,6-Dinitro-2-methylphenol	11.66	198	37297	37.38	ng		94
65) n-Nitrosodiphenylamine	11.76	169	291680	40.30	ng		99
66) 4-Bromophenyl-phenylether	12.21	248	92542	39.89	ng		98
67) Hexachlorobenzene	12.27	284	102988	40.40	ng		97
68) Atrazine	12.43	200	92481	45.59	ng		99
69) Pentachlorophenol	12.52	266	106280	79.62	ng		98
70) Phenanthrene	12.79	178	495096	39.67	ng		100
71) Anthracene	12.84	178	485387	39.37	ng		99
72) Carbazole	13.05	167	446288	38.05	ng		99
73) Di-n-butylphthalate	13.51	149	531064	40.38	ng		99
74) Fluoranthene	14.26	202	521802	37.91	ng		99
76) Benzidine	14.43	184	180509	31.72	ng		98
77) Pyrene	14.53	202	545462	37.82	ng		99
79) Butylbenzylphthalate	15.37	149	229453	40.35	ng		98
80) Benzo(a)anthracene	16.02	228	521748	38.38	ng		99
81) 3,3'-Dichlorobenzidine	16.00	252	109439	24.40	ng		99
82) Chrysene	16.07	228	482495	39.47	ng		100
83) Bis(2-ethylhexyl)phthalate	16.08	149	340507	39.53	ng	#	94
84) Di-n-octyl phthalate	16.85	149	588981	39.99	ng		100
85) Indeno(1,2,3-cd)pyrene	19.08	276	541119	35.47	ng	#	100
87) Benzo(b)fluoranthene	17.28	252	514997	35.64	ng	#	95
88) Benzo(k)fluoranthene	17.30	252	482261m	42.72	ng		
89) Benzo(a)pyrene	17.63	252	475179	39.41	ng	#	96
90) Dibenzo(a,h)anthracene	19.11	278	448845	37.53	ng		97
91) Benzo(g,h,i)perylene	19.49	276	449592	36.93	ng		96

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

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