Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031915\
Data File : BF077831.D
Acq On : 19 Mar 2015 14:48
Operator : TP/IZ
Sample : PB82103BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB82103BS

Quant Time: Mar 20 01:26:28 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 20 01:13:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.15	152	36672	20.00	ng		0.00
21) Naphthalene-d8	8.73	136	150570	20.00	ng		0.00
38) Acenaphthene-d10	10.90	164	76189	20.00	ng		0.00
63) Phenanthrene-d10	12.74	188	147226	20.00	ng		0.00
75) Chrysene-d12	16.03	240	157493	20.00	ng		0.00
86) Perylene-d12	17.76	264	153630	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	190525	90.69	ng		0.01
7) Phenol-d6	6.73	99	235179	90.60	ng		0.00
23) Nitrobenzene-d5	7.85	82	179365	78.09	ng		0.00
41) 2,4,6-Tribromophenol	11.88	330	58992	80.93	ng		0.00
44) 2-Fluorobiphenyl	10.08	172	384559	74.18	ng		0.00
78) Terphenyl-d14	14.74	244	477331	74.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.05	88	36524	38.29	ng	#	100
3) Pyridine	2.75	79	91304	35.63	ng		95
4) n-Nitrosodimethylamine	2.67	42	46010	41.23	ng		92
6) Aniline	6.74	93	85725	23.09	ng	#	51
8) 2-Chlorophenol	6.89	128	117516	46.99	ng		95
9) Benzaldehyde	6.60	77	5675	5.34	ng		91
10) Phenol	6.75	94	138291	45.07	ng	#	73
11) bis(2-Chloroethyl)ether	6.84	93	101033	43.96	ng		90
12) 1,3-Dichlorobenzene	7.07	146	119705m	43.04	ng		
13) 1,4-Dichlorobenzene	7.17	146	120616	41.73	ng		95
14) 1,2-Dichlorobenzene	7.36	146	117326	44.28	ng		96
15) Benzyl Alcohol	7.34	79	92511	45.66	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.52	45	136023	43.92	ng		96
17) 2-Methylphenol	7.49	107	91284	44.84	ng		97
18) Hexachloroethane	7.78	117	40341	42.56	ng	#	79
19) n-Nitroso-di-n-propylamine	7.68	70	79696	44.38	ng		96
20) 3+4-Methylphenols	7.69	107	118116	44.21	ng		96
22) Acetophenone	7.66	105	158447	47.54	ng	#	96
24) Nitrobenzene	7.87	77	113371	45.81	ng		91
25) Isophorone	8.17	82	193891	41.80	ng	#	91
26) 2-Nitrophenol	8.27	139	54791	45.23	ng		92
27) 2,4-Dimethylphenol	8.34	122	104722	47.45	ng		98
28) bis(2-Chloroethoxy)methane	8.45	93	132883	47.19	ng		99
29) 2,4-Dichlorophenol	8.57	162	96806	46.01	ng		97
30) 1,2,4-Trichlorobenzene	8.66	180	95867	40.73	ng	#	95
31) Naphthalene	8.76	128	316336	40.91	ng		99
32) Benzoic acid	8.45	122	56900	46.33	ng		99
33) 4-Chloroaniline	8.84	127	76764	24.46	ng		98
34) Hexachlorobutadiene	8.91	225	55441	41.55	ng		98
35) Caprolactam	9.26	113	28827	46.88	ng		96
36) 4-Chloro-3-methylphenol	9.45	107	95802	45.26	ng	#	82
37) 2-Methylnaphthalene	9.62	142	226932	43.68	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	97240	42.79	ng	#	100
40) Hexachlorocyclopentadiene	9.80	237	97009	85.07	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	69000	43.83	ng		98
43) 2,4,5-Trichlorophenol	10.02	196	74186	43.62	ng	#	87
45) 1,1'-Biphenyl	10.20	154	272829	44.80	ng		98
46) 2-Chloronaphthalene	10.21	162	206099	41.64	ng	#	92
47) 2-Nitroaniline	10.35	65	57919	47.12	ng		93
48) Acenaphthylene	10.73	152	338688	41.15	ng		99
49) Dimethylphthalate	10.59	163	251887	44.57	ng		99
50) 2,6-Dinitrotoluene	10.66	165	52411	44.74	ng		94
51) Acenaphthene	10.95	154	195820	41.50	ng		99
52) 3-Nitroaniline	10.87	138	44830	32.95	ng		93
53) 2,4-Dinitrophenol	11.00	184	47446	107.21	ng	#	72
54) Dibenzofuran	11.16	168	301704	43.10	ng		99
55) 4-Nitrophenol	11.09	139	98691	97.94	ng		86
56) 2,4-Dinitrotoluene	11.16	165	72778	47.65	ng	#	67
57) Fluorene	11.59	166	255327	43.93	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.31	232	59583	45.50	ng	#	100
59) Diethylphthalate	11.47	149	242059	43.96	ng		99
60) 4-Chlorophenyl-phenylether	11.60	204	110853	41.79	ng		95
61) 4-Nitroaniline	11.62	138	60855	44.89	ng		88
62) Azobenzene	11.79	77	230127	43.73	ng		97
64) 4,6-Dinitro-2-methylphenol	11.65	198	30783	44.62	ng		81
65) n-Nitrosodiphenylamine	11.75	169	221406	45.16	ng		99
66) 4-Bromophenyl-phenylether	12.20	248	68102	43.34	ng		96
67) Hexachlorobenzene	12.26	284	73741	42.71	ng	#	93
68) Atrazine	12.42	200	66939	48.72	ng		97
69) Pentachlorophenol	12.51	266	79214	87.31	ng		98
70) Phenanthrene	12.77	178	379006	44.84	ng		100
71) Anthracene	12.83	178	365939	43.82	ng		99
72) Carbazole	13.05	167	369408	46.51	ng		98
73) Di-n-butylphthalate	13.49	149	396164	44.48	ng		100
74) Fluoranthene	14.25	202	413526	44.36	ng		100
76) Benzidine	14.43	184	154795	39.73	ng		100
77) Pyrene	14.52	202	426551	43.07	ng		99
79) Butylbenzylphthalate	15.36	149	173201	44.36	ng		90
80) Benzo(a)anthracene	16.02	228	413916	44.34	ng		99
81) 3,3'-Dichlorobenzidine	16.00	252	106013	34.42	ng		100
82) Chrysene	16.05	228	399319	47.57	ng		99
83) Bis(2-ethylhexyl)phthalate	16.08	149	259557	43.88	ng	#	95
84) Di-n-octyl phthalate	16.88	149	441223	43.63	ng		99
85) Indeno(1,2,3-cd)pyrene	19.16	276	447116	42.67	ng	#	100
87) Benzo(b)fluoranthene	17.32	252	419257m	41.80	ng		
88) Benzo(k)fluoranthene	17.35	252	375720	47.96	ng	#	97
89) Benzo(a)pyrene	17.70	252	392183	46.86	ng	#	97
90) Dibenzo(a,h)anthracene	19.19	278	367746	44.31	ng		98
91) Benzo(g,h,i)perylene	19.56	276	377188	44.64	ng		97

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

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