Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
Data File : BF077473.D
Acq On : 26 Feb 2015 19:03
Operator : TP/IZ
Sample : PB81898BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB81898BS

Manual Integrations APPROVED
apatel
2/27/2015 4:21:03 PM

Quant Time: Feb 27 08:03:24 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 26 17:14:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	62491	20.00	ng		0.00
21) Naphthalene-d8	8.84	136	249557	20.00	ng		0.00
38) Acenaphthene-d10	11.01	164	123256	20.00	ng		-0.01
63) Phenanthrene-d10	12.87	188	243830	20.00	ng		0.00
75) Chrysene-d12	16.16	240	279693	20.00	ng		-0.02
86) Perylene-d12	17.89	264	277764	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	467932	125.01	ng		0.00
7) Phenol-d6	6.83	99	606509	126.02	ng		0.00
23) Nitrobenzene-d5	7.96	82	352809	87.91	ng		0.00
41) 2,4,6-Tribromophenol	12.00	330	159466	134.37	ng		-0.01
44) 2-Fluorobiphenyl	10.19	172	744776	94.22	ng		0.00
78) Terphenyl-d14	14.87	244	942701	78.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	61324	38.61	ng	#	89
3) Pyridine	2.94	79	168270	37.03	ng		95
4) n-Nitrosodimethylamine	2.86	42	76769	38.86	ng		95
6) Aniline	6.85	93	140874	21.18	ng		95
8) 2-Chlorophenol	7.00	128	176742	40.02	ng		88
10) Phenol	6.84	94	226672	39.69	ng		92
11) bis(2-Chloroethyl)ether	6.96	93	165646	40.37	ng		93
12) 1,3-Dichlorobenzene	7.20	146	189283	39.36	ng	#	89
13) 1,4-Dichlorobenzene	7.29	146	190088	38.86	ng		97
14) 1,2-Dichlorobenzene	7.47	146	184057	39.55	ng		98
15) Benzyl Alcohol	7.45	79	146522	40.05	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.63	45	230475	39.29	ng		99
17) 2-Methylphenol	7.60	107	140098	40.59	ng		100
18) Hexachloroethane	7.89	117	65484	40.08	ng		96
19) n-Nitroso-di-n-propylamine	7.78	70	113934	37.28	ng		97
20) 3+4-Methylphenols	7.78	107	181633	39.96	ng	#	77
22) Acetophenone	7.78	105	234454	39.94	ng	#	91
24) Nitrobenzene	7.98	77	181602	43.01	ng		95
25) Isophorone	8.28	82	320726	40.28	ng		98
26) 2-Nitrophenol	8.37	139	80743	46.66	ng		95
27) 2,4-Dimethylphenol	8.44	122	147158	38.01	ng		96
28) bis(2-Chloroethoxy)methane	8.56	93	193566	38.48	ng		97
29) 2,4-Dichlorophenol	8.67	162	151684	41.74	ng		94
30) 1,2,4-Trichlorobenzene	8.77	180	158499	39.67	ng		99
31) Naphthalene	8.86	128	509176	40.80	ng		100
32) Benzoic acid	8.53	122	81890	43.53	ng		98
33) 4-Chloroaniline	8.94	127	112207	20.22	ng		96
34) Hexachlorobutadiene	9.02	225	92039	40.35	ng		99
35) Caprolactam	9.36	113	43531	39.24	ng		96
36) 4-Chloro-3-methylphenol	9.55	107	147127	40.27	ng		91
37) 2-Methylnaphthalene	9.73	142	351689	39.68	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.94	216	159185	45.01	ng		99
40) Hexachlorocyclopentadiene	9.93	237	170759	90.05	ng		100
42) 2,4,6-Trichlorophenol	10.08	196	105997	45.26	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	10.12	196	114508	45.72	ng	#	91
45) 1,1'-Biphenyl	10.32	154	428440	45.88	ng		99
46) 2-Chloronaphthalene	10.33	162	324370	44.29	ng		99
47) 2-Nitroaniline	10.46	65	88430	49.05	ng	#	56
48) Acenaphthylene	10.84	152	528581	45.59	ng		99
49) Dimethylphthalate	10.70	163	393997	45.48	ng		97
50) 2,6-Dinitrotoluene	10.77	165	86076	49.54	ng		92
51) Acenaphthene	11.06	154	307229m	44.41	ng		
52) 3-Nitroaniline	10.97	138	62515	31.21	ng		97
53) 2,4-Dinitrophenol	11.10	184	60748	114.90	ng	#	87
54) Dibenzofuran	11.28	168	479308	44.87	ng		99
55) 4-Nitrophenol	11.18	139	160908	99.87	ng		82
56) 2,4-Dinitrotoluene	11.26	165	113127	48.18	ng	#	86
57) Fluorene	11.70	166	379941	44.49	ng		97
58) 2,3,4,6-Tetrachlorophenol	11.42	232	96963	48.16	ng		97
59) Diethylphthalate	11.57	149	374888	43.89	ng		97
60) 4-Chlorophenyl-phenylether	11.71	204	182487	44.35	ng		96
61) 4-Nitroaniline	11.72	138	85525	44.54	ng		98
62) Azobenzene	11.90	77	352272	43.47	ng		100
64) 4,6-Dinitro-2-methylphenol	11.77	198	40836	42.44	ng		93
65) n-Nitrosodiphenylamine	11.86	169	343207	42.42	ng		99
66) 4-Bromophenyl-phenylether	12.32	248	115154	40.33	ng		99
67) Hexachlorobenzene	12.37	284	120071	39.18	ng		97
68) Atrazine	12.53	200	111947	42.56	ng		93
69) Pentachlorophenol	12.63	266	138585	86.04	ng		99
70) Phenanthrene	12.89	178	580978	41.11	ng		99
71) Anthracene	12.96	178	597096	42.58	ng		99
72) Carbazole	13.16	167	576919	43.26	ng		99
73) Di-n-butylphthalate	13.62	149	629648	40.21	ng	#	97
74) Fluoranthene	14.37	202	654727	42.41	ng		96
76) Benzidine	14.55	184	287013	30.37	ng		98
77) Pyrene	14.65	202	677935	39.62	ng		99
79) Butylbenzylphthalate	15.48	149	294096	41.78	ng		95
80) Benzo(a)anthracene	16.15	228	685969	41.85	ng		99
81) 3,3'-Dichlorobenzidine	16.12	252	143026	23.81	ng		98
82) Chrysene	16.19	228	627694	40.78	ng		97
83) Bis(2-ethylhexyl)phthalate	16.20	149	432346	38.30	ng		97
84) Di-n-octyl phthalate	17.00	149	755184	40.07	ng		98
85) Indeno(1,2,3-cd)pyrene	19.36	276	740536m	42.20	ng		
87) Benzo(b)fluoranthene	17.45	252	633401	39.21	ng	#	97
88) Benzo(k)fluoranthene	17.48	252	667807m	42.19	ng		
89) Benzo(a)pyrene	17.84	252	642332	41.75	ng		98
90) Dibenzo(a,h)anthracene	19.39	278	602397	41.06	ng		96
91) Benzo(g,h,i)perylene	19.79	276	602860	40.71	ng		95

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

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