Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022015\
Data File : BF077393.D
Acq On : 20 Feb 2015 20:37
Operator : TP/IZ
Sample : PB81820BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB81820BSD

Quant Time: Feb 21 01:36:19 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 20 23:55:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	90522	20.00	ng		0.00
21) Naphthalene-d8	8.91	136	386496	20.00	ng		0.00
38) Acenaphthene-d10	11.08	164	203093	20.00	ng		0.00
63) Phenanthrene-d10	12.93	188	395438	20.00	ng		0.00
75) Chrysene-d12	16.23	240	375577	20.00	ng		0.00
86) Perylene-d12	17.96	264	347120	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	512419	94.50	ng		0.00
7) Phenol-d6	6.88	99	654977	93.95	ng		0.00
23) Nitrobenzene-d5	8.02	82	381868	61.44	ng		0.00
41) 2,4,6-Tribromophenol	12.07	330	197654	101.07	ng		0.00
44) 2-Fluorobiphenyl	10.26	172	930445	71.44	ng		0.00
78) Terphenyl-d14	14.92	244	1046876	65.16	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	57072	24.80	ng		97
3) Pyridine	3.05	79	188977	28.71	ng		99
4) n-Nitrosodimethylamine	2.98	42	89275	31.19	ng		97
6) Aniline	6.91	93	159403	16.54	ng		94
8) 2-Chlorophenol	7.06	128	215156	33.64	ng		94
10) Phenol	6.90	94	253510	30.65	ng		97
11) bis(2-Chloroethyl)ether	7.01	93	192412	32.37	ng		88
12) 1,3-Dichlorobenzene	7.25	146	219774	31.55	ng		95
13) 1,4-Dichlorobenzene	7.36	146	228616	32.26	ng		97
14) 1,2-Dichlorobenzene	7.54	146	214683	31.85	ng		96
15) Benzyl Alcohol	7.50	79	175937	33.20	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.69	45	285678	33.62	ng		96
17) 2-Methylphenol	7.64	107	168334	33.67	ng		93
18) Hexachloroethane	7.95	117	76925	32.50	ng	#	79
19) n-Nitroso-di-n-propylamine	7.85	70	154323	34.86	ng	#	90
20) 3+4-Methylphenols	7.84	107	223816	33.99	ng	#	69
22) Acetophenone	7.84	105	293482	32.28	ng	#	95
24) Nitrobenzene	8.04	77	213422	32.64	ng	#	84
25) Isophorone	8.34	82	401796	32.58	ng		93
26) 2-Nitrophenol	8.44	139	90421	33.74	ng	#	85
27) 2,4-Dimethylphenol	8.50	122	199200	33.22	ng		95
28) bis(2-Chloroethoxy)methane	8.62	93	263665	33.85	ng		99
29) 2,4-Dichlorophenol	8.73	162	191803	34.08	ng		90
30) 1,2,4-Trichlorobenzene	8.84	180	198248	32.04	ng		96
31) Naphthalene	8.93	128	639295	33.08	ng		99
32) Benzoic acid	8.59	122	101002	34.66	ng		99
33) 4-Chloroaniline	9.00	127	144649	16.83	ng	#	92
34) Hexachlorobutadiene	9.09	225	114767	32.49	ng		98
35) Caprolactam	9.42	113	55089	32.06	ng		100
36) 4-Chloro-3-methylphenol	9.61	107	200679	35.46	ng		94
37) 2-Methylnaphthalene	9.79	142	442373	32.23	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.00	216	201529	34.58	ng		98
40) Hexachlorocyclopentadiene	9.98	237	222539	71.22	ng		95
42) 2,4,6-Trichlorophenol	10.14	196	145740	37.77	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	10.19	196	153741	37.26	ng		97
45) 1,1'-Biphenyl	10.37	154	540961	35.16	ng		96
46) 2-Chloronaphthalene	10.40	162	429359	35.58	ng		97
47) 2-Nitroaniline	10.52	65	116333	39.16	ng	#	84
48) Acenaphthylene	10.91	152	709189	37.12	ng		100
49) Dimethylphthalate	10.76	163	535560	37.51	ng		100
50) 2,6-Dinitrotoluene	10.83	165	108018	37.73	ng	#	63
51) Acenaphthene	11.13	154	415845	36.48	ng		98
52) 3-Nitroaniline	11.04	138	84867	25.71	ng	#	79
53) 2,4-Dinitrophenol	11.16	184	58600	67.27	ng	#	62
54) Dibenzofuran	11.35	168	642214	36.49	ng		95
55) 4-Nitrophenol	11.24	139	189509	71.38	ng		97
56) 2,4-Dinitrotoluene	11.32	165	144283	37.30	ng	#	66
57) Fluorene	11.77	166	514345	36.55	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.49	232	124018	37.38	ng		100
59) Diethylphthalate	11.64	149	549232	39.02	ng		98
60) 4-Chlorophenyl-phenylether	11.78	204	244594	36.07	ng		93
61) 4-Nitroaniline	11.79	138	107667	34.03	ng		92
62) Azobenzene	11.97	77	479357	35.90	ng		91
64) 4,6-Dinitro-2-methylphenol	11.83	198	45887	30.55	ng	#	59
65) n-Nitrosodiphenylamine	11.92	169	427830	32.61	ng		99
66) 4-Bromophenyl-phenylether	12.39	248	157628	34.04	ng	#	91
67) Hexachlorobenzene	12.44	284	163490	32.89	ng	#	88
68) Atrazine	12.59	200	144235	33.81	ng		97
69) Pentachlorophenol	12.68	266	171285	65.57	ng		97
70) Phenanthrene	12.96	178	731961	31.94	ng		99
71) Anthracene	13.03	178	760455	33.43	ng		99
72) Carbazole	13.22	167	685551	31.70	ng		99
73) Di-n-butylphthalate	13.68	149	870683	34.29	ng		99
74) Fluoranthene	14.43	202	770962	30.79	ng		95
76) Benzidine	14.61	184	360465	28.41	ng		98
77) Pyrene	14.72	202	777750	33.85	ng		99
79) Butylbenzylphthalate	15.54	149	350315	37.06	ng	#	86
80) Benzo(a)anthracene	16.21	228	725758	32.97	ng		100
81) 3,3'-Dichlorobenzidine	16.18	252	161986	20.08	ng	#	95
82) Chrysene	16.26	228	678884	32.85	ng		98
83) Bis(2-ethylhexyl)phthalate	16.26	149	525712	34.69	ng	#	94
84) Di-n-octyl phthalate	17.06	149	905547	35.78	ng		99
85) Indeno(1,2,3-cd)pyrene	19.46	276	744293	31.58	ng		99
87) Benzo(b)fluoranthene	17.52	252	686857	34.03	ng	#	98
88) Benzo(k)fluoranthene	17.55	252	679949m	34.37	ng		
89) Benzo(a)pyrene	17.89	252	650815	33.85	ng	#	96
90) Dibenzo(a,h)anthracene	19.49	278	625990	34.14	ng		98
91) Benzo(g,h,i)perylene	19.91	276	610121	32.97	ng		97

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

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