Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
Data File : BF078465.D
Acq On : 13 Apr 2015 17:38
Operator : TP/IZ
Sample : G1787-18MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SD07CMS

Manual Integrations APPROVED
apatel
4/14/2015 5:24:59 PM

Quant Time: Apr 14 01:34:47 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 14 01:02:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	27829	20.00	ng		0.00
21) Naphthalene-d8	8.41	136	115243	20.00	ng		0.00
38) Acenaphthene-d10	10.57	164	60434	20.00	ng		0.00
63) Phenanthrene-d10	12.39	188	118905	20.00	ng		0.00
75) Chrysene-d12	15.66	240	119899	20.00	ng		0.00
86) Perylene-d12	17.43	264	119830	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	224881	133.23	ng		0.00
7) Phenol-d6	6.43	99	290109	137.15	ng		0.00
23) Nitrobenzene-d5	7.53	82	146712	77.16	ng		-0.01
41) 2,4,6-Tribromophenol	11.54	330	69689	139.04	ng		0.00
44) 2-Fluorobiphenyl	9.76	172	278816	65.95	ng		0.00
78) Terphenyl-d14	14.38	244	353336	66.59	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.63	88	64063	83.94	ng	#	57
3) Pyridine	2.22	79	83873	41.95	ng		97
4) n-Nitrosodimethylamine	2.16	42	41225m	53.57	ng		
6) Aniline	6.42	93	84188	28.07	ng		93
8) 2-Chlorophenol	6.56	128	93266	46.73	ng		93
9) Benzaldehyde	6.27	77	26585	18.96	ng		99
10) Phenol	6.44	94	122019	48.14	ng		94
11) bis(2-Chloroethyl)ether	6.54	93	87017	47.74	ng		99
12) 1,3-Dichlorobenzene	6.75	146	98884	45.10	ng	#	91
13) 1,4-Dichlorobenzene	6.86	146	98467	44.62	ng	#	94
14) 1,2-Dichlorobenzene	7.03	146	92443	44.68	ng		97
15) Benzyl Alcohol	7.04	79	78055	52.51	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	7.21	45	117528	48.34	ng		94
17) 2-Methylphenol	7.20	107	75537	48.75	ng		97
18) Hexachloroethane	7.45	117	34486	46.34	ng		89
19) n-Nitroso-di-n-propylamine	7.37	70	68777	49.28	ng		93
20) 3+4-Methylphenols	7.39	107	97374	47.11	ng		95
22) Acetophenone	7.35	105	133903	49.87	ng	#	88
24) Nitrobenzene	7.55	77	92151	46.36	ng	#	82
25) Isophorone	7.86	82	176931	49.03	ng		99
26) 2-Nitrophenol	7.95	139	46903	49.52	ng		95
27) 2,4-Dimethylphenol	8.03	122	81896	46.50	ng		94
28) bis(2-Chloroethoxy)methane	8.15	93	106102	45.86	ng		97
29) 2,4-Dichlorophenol	8.26	162	80373	50.16	ng		99
30) 1,2,4-Trichlorobenzene	8.34	180	82040	44.66	ng		97
31) Naphthalene	8.43	128	272536	45.44	ng		99
32) Benzoic acid	8.16	122	18468	25.40	ng		93
33) 4-Chloroaniline	8.52	127	70537	28.34	ng		97
34) Hexachlorobutadiene	8.59	225	47553	47.14	ng		99
35) Caprolactam	8.95	113	26215	54.81	ng		96
36) 4-Chloro-3-methylphenol	9.15	107	83778	51.82	ng		86
37) 2-Methylnaphthalene	9.29	142	186148	45.71	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.50	216	80528	43.00	ng		98
40) Hexachlorocyclopentadiene	9.48	237	66591	82.39	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.66	196	56379	47.74	ng		97
43) 2,4,5-Trichlorophenol	9.70	196	63188	51.22	ng	#	91
45) 1,1'-Biphenyl	9.87	154	219223	44.35	ng		98
46) 2-Chloronaphthalene	9.88	162	171743	44.16	ng		97
47) 2-Nitroaniline	10.03	65	51157	53.16	ng	#	72
48) Acenaphthylene	10.39	152	273826	43.60	ng		99
49) Dimethylphthalate	10.27	163	243074	53.54	ng		99
50) 2,6-Dinitrotoluene	10.34	165	42714	45.73	ng	#	44
51) Acenaphthene	10.60	154	158187	44.74	ng		99
52) 3-Nitroaniline	10.54	138	39182	36.89	ng		86
53) 2,4-Dinitrophenol	10.68	184	15832	53.07	ng	#	89
54) Dibenzofuran	10.82	168	256610	47.51	ng		100
55) 4-Nitrophenol	10.79	139	70335	89.59	ng		90
56) 2,4-Dinitrotoluene	10.83	165	60718	50.19	ng	#	70
57) Fluorene	11.24	166	215741	49.28	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.98	232	49323	53.92	ng		99
59) Diethylphthalate	11.14	149	215856	49.31	ng		96
60) 4-Chlorophenyl-phenylether	11.26	204	94531	46.94	ng	#	76
61) 4-Nitroaniline	11.29	138	44564	41.50	ng		96
62) Azobenzene	11.45	77	219519	54.94	ng		96
64) 4,6-Dinitro-2-methylphenol	11.34	198	22101	39.33	ng	#	69
65) n-Nitrosodiphenylamine	11.42	169	181993	44.25	ng		98
66) 4-Bromophenyl-phenylether	11.86	248	59435	47.20	ng	#	85
67) Hexachlorobenzene	11.91	284	59617	43.20	ng	#	86
68) Atrazine	12.09	200	58469	49.08	ng		96
69) Pentachlorophenol	12.17	266	58522	94.12	ng		99
70) Phenanthrene	12.42	178	314336	45.70	ng		99
71) Anthracene	12.48	178	306134	45.17	ng		100
72) Carbazole	12.70	167	301469	47.46	ng		100
73) Di-n-butylphthalate	13.17	149	380422	52.87	ng		99
74) Fluoranthene	13.89	202	345190	47.59	ng		90
76) Benzidine	14.08	184	165614	35.87	ng		98
77) Pyrene	14.16	202	357974	47.56	ng		99
79) Butylbenzylphthalate	15.01	149	163139	56.87	ng		94
80) Benzo(a)anthracene	15.65	228	328094	45.99	ng		99
81) 3,3'-Dichlorobenzidine	15.63	252	93567	39.16	ng	#	97
82) Chrysene	15.69	228	312102	46.56	ng		99
83) Bis(2-ethylhexyl)phthalate	15.75	149	262912	58.43	ng		99
84) Di-n-octyl phthalate	16.56	149	458583	62.07	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.70	276	364162	47.88	ng	#	87
87) Benzo(b)fluoranthene	16.97	252	320151	43.23	ng		98
88) Benzo(k)fluoranthene	17.01	252	323726m	49.19	ng		
89) Benzo(a)pyrene	17.36	252	311083	48.13	ng	#	97
90) Dibenzo(a,h)anthracene	18.72	278	300454	46.43	ng		97
91) Benzo(g,h,i)perylene	19.05	276	293568	45.25	ng		97

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

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