Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
Data File : BF079671.D
Acq On : 3 Jun 2015 19:40
Operator : TP/IZ
Sample : G2452-01MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-052915MSD

Manual Integrations APPROVED
apatel
6/5/2015 8:06:19 AM

Quant Time: Jun 05 11:37:48 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 10:52:02 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	93919	20.00	ng		0.00
21) Naphthalene-d8	8.81	136	358277	20.00	ng		0.00
38) Acenaphthene-d10	10.59	164	185155	20.00	ng		0.00
63) Phenanthrene-d10	12.10	188	384741	20.00	ng		-0.03
75) Chrysene-d12	15.09	240	407595	20.00	ng		-0.30
86) Perylene-d12	17.06	264	316159	20.00	ng		-0.42
System Monitoring Compounds							
5) 2-Fluorophenol	6.14	112	576009	111.15	ng		0.00
7) Phenol-d6	7.11	99	703505	103.85	ng		0.00
23) Nitrobenzene-d5	8.07	82	415917	69.24	ng		-0.01
41) 2,4,6-Tribromophenol	11.38	330	184364	120.65	ng		-0.01
44) 2-Fluorobiphenyl	9.88	172	948160	76.90	ng		0.00
78) Terphenyl-d14	13.81	244	1255230	77.72	ng		-0.15
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	87557	36.55	ng		94
3) Pyridine	4.32	79	198828	28.88	ng		97
4) n-Nitrosodimethylamine	4.24	42	118130	38.49	ng		98
6) Aniline	7.18	93	77237	7.91	ng		97
8) 2-Chlorophenol	7.30	128	255542	42.44	ng		98
9) Benzaldehyde	7.06	77	23886	6.06	ng		97
10) Phenol	7.12	94	272689	37.38	ng		99
11) bis(2-Chloroethyl)ether	7.23	93	240001	41.28	ng		98
12) 1,3-Dichlorobenzene	7.46	146	269411	39.13	ng		99
13) 1,4-Dichlorobenzene	7.54	146	269359	38.26	ng		99
14) 1,2-Dichlorobenzene	7.69	146	249514m	39.15	ng		
15) Benzyl Alcohol	7.63	79	186689	37.65	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.78	45	388832	40.11	ng		99
17) 2-Methylphenol	7.74	107	203047	40.85	ng		97
18) Hexachloroethane	8.04	117	86119	37.37	ng		93
19) n-Nitroso-di-n-propylamine	7.91	70	191274	41.09	ng		99
20) 3+4-Methylphenols	7.88	107	261093	39.66	ng		99
22) Acetophenone	7.92	105	345114	41.17	ng	#	97
24) Nitrobenzene	8.09	77	249103	41.49	ng		97
25) Isophorone	8.33	82	497632	40.75	ng		98
26) 2-Nitrophenol	8.41	139	74523	37.58	ng		96
27) 2,4-Dimethylphenol	8.43	122	218517m	39.10	ng		
28) bis(2-Chloroethoxy)methane	8.52	93	284254	40.52	ng		99
29) 2,4-Dichlorophenol	8.65	162	217680	43.67	ng		97
30) 1,2,4-Trichlorobenzene	8.75	180	227755	40.55	ng		98
31) Naphthalene	8.83	128	719473	38.41	ng		99
32) Benzoic acid	8.48	122	69842m	44.89	ng		
33) 4-Chloroaniline	8.83	127	119797	11.76	ng	#	34
34) Hexachlorobutadiene	8.95	225	127544	40.51	ng		96
35) Caprolactam	9.20	113	49989	36.43	ng	#	83
36) 4-Chloro-3-methylphenol	9.32	107	207540	40.79	ng		99
37) 2-Methylnaphthalene	9.53	142	517020	41.38	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.70	216	239451	40.30	ng		99
40) Hexachlorocyclopentadiene	9.69	237	236742	83.57	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.80	196	135141	41.82	ng		97
43) 2,4,5-Trichlorophenol	9.84	196	167214	46.71	ng		98
45) 1,1'-Biphenyl	9.99	154	585533	41.01	ng		95
46) 2-Chloronaphthalene	10.02	162	452607	40.46	ng	#	89
47) 2-Nitroaniline	10.10	65	100453	43.61	ng		89
48) Acenaphthylene	10.44	152	747733	40.32	ng		99
49) Dimethylphthalate	10.27	163	580284	42.77	ng		99
50) 2,6-Dinitrotoluene	10.34	165	104838	48.65	ng		87
51) Acenaphthene	10.63	154	474483	42.22	ng		99
52) 3-Nitroaniline	10.51	138	12705	4.78	ng		85
53) 2,4-Dinitrophenol	10.62	184	54566	89.04	ng		83
54) Dibenzofuran	10.80	168	706576	43.32	ng		97
55) 4-Nitrophenol	10.65	139	191501	89.31	ng		85
56) 2,4-Dinitrotoluene	10.75	165	131581	48.16	ng		91
57) Fluorene	11.14	166	568428	42.64	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.90	232	124861	50.33	ng		99
59) Diethylphthalate	10.98	149	580000	44.52	ng		97
60) 4-Chlorophenyl-phenylether	11.12	204	253928	42.21	ng	#	84
61) 4-Nitroaniline	11.13	138	75457	28.77	ng		87
62) Azobenzene	11.28	77	496474	40.76	ng		91
64) 4,6-Dinitro-2-methylphenol	11.16	198	38835	36.96	ng	#	71
65) n-Nitrosodiphenylamine	11.23	169	382091	31.63	ng		99
66) 4-Bromophenyl-phenylether	11.62	248	165193	42.79	ng	#	89
67) Hexachlorobenzene	11.70	284	173167	38.17	ng	#	67
68) Atrazine	11.75	200	57985	18.74	ng		95
69) Pentachlorophenol	11.90	266	177141	106.60	ng		98
70) Phenanthrene	12.13	178	827999	38.93	ng		100
71) Anthracene	12.18	178	897238	41.92	ng		100
72) Carbazole	12.33	167	560814	28.54	ng		97
73) Di-n-butylphthalate	12.65	149	925984	42.99	ng	#	81
74) Fluoranthene	13.41	202	945487	41.22	ng		91
76) Benzidine	13.52	184	19549	2.11	ng		97
77) Pyrene	13.66	202	962024m	40.99	ng		
79) Butylbenzylphthalate	14.34	149	371484	46.22	ng		98
80) Benzo(a)anthracene	15.07	228	930334	41.74	ng		100
82) Chrysene	15.12	228	909387	40.55	ng		100
83) Bis(2-ethylhexyl)phthalate	15.04	149	583098	43.89	ng		99
84) Di-n-octyl phthalate	15.85	149	952116	48.03	ng		98
85) Indeno(1,2,3-cd)pyrene	19.09	276	971441	44.30	ng		99
87) Benzo(b)fluoranthene	16.48	252	882067m	53.99	ng		
88) Benzo(k)fluoranthene	16.51	252	918010	47.96	ng		99
89) Benzo(a)pyrene	16.97	252	821781	51.44	ng		99
90) Dibenzo(a,h)anthracene	19.11	278	814527	54.42	ng		99
91) Benzo(g,h,i)perylene	19.70	276	799599	50.36	ng		99

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

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