Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
Data File : BF079670.D
Acq On : 3 Jun 2015 19:11
Operator : TP/IZ
Sample : G2452-01MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-052915MS

Manual Integrations APPROVED
apatel
6/5/2015 8:06:15 AM

Quant Time: Jun 05 11:34:05 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	97834	20.00	ng		0.00
21) Naphthalene-d8	8.81	136	373850	20.00	ng		0.00
38) Acenaphthene-d10	10.59	164	196823	20.00	ng		0.00
63) Phenanthrene-d10	12.10	188	386818	20.00	ng		-0.03
75) Chrysene-d12	15.12	240	422778	20.00	ng		-0.26
86) Perylene-d12	17.11	264	260614	20.00	ng		-0.38
System Monitoring Compounds							
5) 2-Fluorophenol	6.14	112	589256	109.16	ng		0.00
7) Phenol-d6	7.11	99	706312	100.02	ng		0.00
23) Nitrobenzene-d5	8.07	82	404381	64.89	ng		-0.01
41) 2,4,6-Tribromophenol	11.38	330	185391	114.13	ng		-0.01
44) 2-Fluorobiphenyl	9.88	172	936151	70.92	ng		0.00
78) Terphenyl-d14	13.82	244	1275924	76.06	ng		-0.14
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	75276	30.17	ng		98
3) Pyridine	4.32	79	187643	26.16	ng		94
4) n-Nitrosodimethylamine	4.24	42	114261	35.74	ng		98
6) Aniline	7.18	93	41088	4.04	ng		98
8) 2-Chlorophenol	7.30	128	240987	38.42	ng		99
9) Benzaldehyde	7.06	77	22453	5.47	ng		98
10) Phenol	7.12	94	265083	34.89	ng		100
11) bis(2-Chloroethyl)ether	7.23	93	229746	37.93	ng		99
12) 1,3-Dichlorobenzene	7.46	146	259291	36.15	ng		98
13) 1,4-Dichlorobenzene	7.54	146	261423	35.64	ng		98
14) 1,2-Dichlorobenzene	7.69	146	237851m	35.82	ng		
15) Benzyl Alcohol	7.63	79	154817	29.97	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.78	45	385393	38.16	ng		99
17) 2-Methylphenol	7.74	107	192096	37.10	ng		98
18) Hexachloroethane	8.04	117	84609	35.24	ng		97
19) n-Nitroso-di-n-propylamine	7.91	70	187827	38.73	ng		99
20) 3+4-Methylphenols	7.88	107	253286	36.93	ng		100
22) Acetophenone	7.92	105	349854	39.99	ng	#	97
24) Nitrobenzene	8.09	77	242634	38.73	ng		98
25) Isophorone	8.33	82	483491	37.95	ng		99
26) 2-Nitrophenol	8.41	139	72854	35.21	ng		93
27) 2,4-Dimethylphenol	8.43	122	209871m	35.99	ng		
28) bis(2-Chloroethoxy)methane	8.52	93	266878	36.45	ng		99
29) 2,4-Dichlorophenol	8.65	162	212237	40.81	ng		97
30) 1,2,4-Trichlorobenzene	8.75	180	222456	37.95	ng		98
31) Naphthalene	8.83	128	695226	35.57	ng		99
32) Benzoic acid	8.48	122	71645m	44.35	ng		
33) 4-Chloroaniline	8.83	127	106142	9.99	ng	#	33
34) Hexachlorobutadiene	8.95	225	122678	37.34	ng		95
35) Caprolactam	9.20	113	50127	35.01	ng	#	74
36) 4-Chloro-3-methylphenol	9.32	107	203624	38.36	ng		99
37) 2-Methylnaphthalene	9.53	142	498277	38.22	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.70	216	234203	37.08	ng		99
40) Hexachlorocyclopentadiene	9.69	237	243335	80.80	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.80	196	139154	40.51	ng		98
43) 2,4,5-Trichlorophenol	9.84	196	163598	42.99	ng		98
45) 1,1'-Biphenyl	10.00	154	583317	38.43	ng		99
46) 2-Chloronaphthalene	10.02	162	447530	37.64	ng	#	89
47) 2-Nitroaniline	10.10	65	64372	26.29	ng		91
48) Acenaphthylene	10.46	152	725985	36.83	ng		99
49) Dimethylphthalate	10.27	163	564617	39.15	ng		100
50) 2,6-Dinitrotoluene	10.34	165	98445	42.97	ng		90
51) Acenaphthene	10.63	154	462784	38.74	ng		99
52) 3-Nitroaniline	10.51	138	5851	2.07	ng	#	88
53) 2,4-Dinitrophenol	10.62	184	50704	77.83	ng		97
54) Dibenzofuran	10.80	168	689594	39.77	ng		98
55) 4-Nitrophenol	10.65	139	183761	80.62	ng		85
56) 2,4-Dinitrotoluene	10.75	165	124993	44.24	ng		94
57) Fluorene	11.14	166	544060	38.40	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.90	232	118277	44.85	ng		99
59) Diethylphthalate	10.98	149	593966	42.89	ng		97
60) 4-Chlorophenyl-phenylether	11.13	204	251244	39.28	ng	#	90
61) 4-Nitroaniline	11.13	138	46677	16.74	ng		89
62) Azobenzene	11.29	77	478152	36.93	ng		87
64) 4,6-Dinitro-2-methylphenol	11.16	198	38805	36.78	ng	#	73
65) n-Nitrosodiphenylamine	11.23	169	234408	19.30	ng		99
66) 4-Bromophenyl-phenylether	11.62	248	161319	41.56	ng		92
67) Hexachlorobenzene	11.71	284	175715	38.53	ng	#	90
68) Atrazine	11.75	200	26679	8.58	ng		93
69) Pentachlorophenol	11.90	266	178329	106.74	ng		97
70) Phenanthrene	12.14	178	831717	38.89	ng		99
71) Anthracene	12.18	178	835678	38.84	ng		99
72) Carbazole	12.33	167	299601	15.16	ng		99
73) Di-n-butylphthalate	12.66	149	905110	41.80	ng	#	79
74) Fluoranthene	13.41	202	910376	39.48	ng		99
77) Pyrene	13.67	202	932400	38.30	ng		99
79) Butylbenzylphthalate	14.37	149	380676	45.77	ng		88
80) Benzo(a)anthracene	15.11	228	910156	39.37	ng		99
82) Chrysene	15.15	228	895873	38.51	ng		100
83) Bis(2-ethylhexyl)phthalate	15.06	149	585180	42.57	ng	#	94
84) Di-n-octyl phthalate	15.90	149	970080	47.34	ng		98
85) Indeno(1,2,3-cd)pyrene	19.13	276	903933	39.74	ng		99
87) Benzo(b)fluoranthene	16.51	252	871355	64.70	ng		100
88) Benzo(k)fluoranthene	16.56	252	868669	55.05	ng		100
89) Benzo(a)pyrene	17.02	252	751818	57.09	ng		99
90) Dibenzo(a,h)anthracene	19.17	278	784400	63.57	ng		99
91) Benzo(g,h,i)perylene	19.75	276	739608	56.51	ng		98

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

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