Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022515\
Data File : BF077443.D
Acq On : 25 Feb 2015 19:46
Operator : IZ / TP
Sample : G1358-02MS
Misc : S/DOD
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU012-SB-12-2.5MS

Manual Integrations APPROVED
apatel
2/27/2015 10:56:03 AM

Quant Time: Feb 26 16:26:21 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 03:18:41 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	95109	20.00	ng		0.00
21) Naphthalene-d8	8.86	136	369556	20.00	ng		0.00
38) Acenaphthene-d10	11.04	164	184239	20.00	ng		0.00
63) Phenanthrene-d10	12.88	188	366500	20.00	ng		-0.01
75) Chrysene-d12	16.17	240	392757	20.00	ng		-0.01
86) Perylene-d12	17.93	264	388957	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	569321	99.93	ng		0.00
7) Phenol-d6	6.84	99	674387	92.07	ng		0.00
23) Nitrobenzene-d5	7.97	82	398379	67.04	ng		-0.01
41) 2,4,6-Tribromophenol	12.02	330	193004	108.80	ng		0.00
44) 2-Fluorobiphenyl	10.21	172	832879	70.49	ng		0.00
78) Terphenyl-d14	14.88	244	1045553	62.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	60794	25.15	ng		98
3) Pyridine	2.98	79	165531	23.93	ng		98
4) n-Nitrosodimethylamine	2.90	42	83302	27.70	ng		97
6) Aniline	6.88	93	165919	16.39	ng		99
8) 2-Chlorophenol	7.01	128	200920	29.90	ng		98
10) Phenol	6.85	94	249156	28.67	ng		85
11) bis(2-Chloroethyl)ether	6.98	93	188301	30.15	ng		97
12) 1,3-Dichlorobenzene	7.21	146	208747	28.52	ng		97
13) 1,4-Dichlorobenzene	7.31	146	220214	29.58	ng		97
14) 1,2-Dichlorobenzene	7.49	146	210408	29.71	ng		99
15) Benzyl Alcohol	7.47	79	162549	29.19	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.65	45	245103	27.45	ng		98
17) 2-Methylphenol	7.61	107	156307	29.76	ng		97
18) Hexachloroethane	7.92	117	70159	28.21	ng		90
19) n-Nitroso-di-n-propylamine	7.80	70	142484	30.63	ng		97
20) 3+4-Methylphenols	7.80	107	204894	29.61	ng	#	86
22) Acetophenone	7.79	105	262217	30.16	ng	#	94
24) Nitrobenzene	8.00	77	192836	30.84	ng	#	79
25) Isophorone	8.30	82	358597	30.41	ng	#	96
26) 2-Nitrophenol	8.40	139	98871	38.58	ng		93
27) 2,4-Dimethylphenol	8.45	122	173575	30.27	ng		97
28) bis(2-Chloroethoxy)methane	8.58	93	224903	30.20	ng		96
29) 2,4-Dichlorophenol	8.69	162	167196	31.07	ng		97
30) 1,2,4-Trichlorobenzene	8.80	180	180797	30.56	ng		100
31) Naphthalene	8.89	128	563821	30.51	ng		100
32) Benzoic acid	8.53	122	49047	17.60	ng		96
33) 4-Chloroaniline	8.96	127	93020	11.32	ng	#	86
34) Hexachlorobutadiene	9.05	225	100689	29.81	ng		100
35) Caprolactam	9.38	113	34820m	21.19	ng		
36) 4-Chloro-3-methylphenol	9.56	107	168957	31.23	ng		90
37) 2-Methylnaphthalene	9.76	142	422881	32.22	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.95	216	168042	31.79	ng	#	97
40) Hexachlorocyclopentadiene	9.94	237	182524	64.39	ng		96
42) 2,4,6-Trichlorophenol	10.10	196	125295	35.79	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	10.14	196	128349	34.29	ng	#	92
45) 1,1'-Biphenyl	10.33	154	453929	32.52	ng		97
46) 2-Chloronaphthalene	10.35	162	364598	33.31	ng		99
47) 2-Nitroaniline	10.48	65	98705	36.63	ng		95
48) Acenaphthylene	10.87	152	593737	34.26	ng		99
49) Dimethylphthalate	10.72	163	436592	33.71	ng		99
50) 2,6-Dinitrotoluene	10.79	165	92246	35.52	ng	#	51
51) Acenaphthene	11.08	154	350485	33.89	ng		99
52) 3-Nitroaniline	10.99	138	77453	25.87	ng		86
53) 2,4-Dinitrophenol	11.12	184	65784	83.24	ng	#	50
54) Dibenzofuran	11.30	168	526829	32.99	ng		95
55) 4-Nitrophenol	11.20	139	161434	67.03	ng	#	67
56) 2,4-Dinitrotoluene	11.29	165	131157	37.37	ng	#	93
57) Fluorene	11.72	166	440090	34.47	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.45	232	106368	35.34	ng	#	99
59) Diethylphthalate	11.60	149	410580	32.16	ng		98
60) 4-Chlorophenyl-phenylether	11.72	204	193845	31.52	ng	#	84
61) 4-Nitroaniline	11.75	138	104399	36.38	ng		92
62) Azobenzene	11.93	77	399487	32.98	ng		89
64) 4,6-Dinitro-2-methylphenol	11.78	198	49261	34.79	ng	#	50
65) n-Nitrosodiphenylamine	11.87	169	371557	30.55	ng		99
66) 4-Bromophenyl-phenylether	12.33	248	125118	29.15	ng	#	85
67) Hexachlorobenzene	12.40	284	132804	28.83	ng	#	78
68) Atrazine	12.55	200	119323	30.18	ng		97
69) Pentachlorophenol	12.64	266	156503	64.64	ng		99
70) Phenanthrene	12.91	178	644120	30.32	ng		100
71) Anthracene	12.97	178	636221	30.18	ng		99
72) Carbazole	13.17	167	617519	30.81	ng		99
73) Di-n-butylphthalate	13.63	149	688789	29.27	ng	#	98
74) Fluoranthene	14.39	202	741137	31.94	ng		99
76) Benzidine	14.57	184	367996	27.73	ng		98
77) Pyrene	14.66	202	742680	30.91	ng		99
79) Butylbenzylphthalate	15.49	149	315869	31.96	ng		99
80) Benzo(a)anthracene	16.16	228	696679	30.27	ng		99
81) 3,3'-Dichlorobenzidine	16.13	252	195540	23.18	ng	#	96
82) Chrysene	16.20	228	660601	30.56	ng		98
83) Bis(2-ethylhexyl)phthalate	16.21	149	435387	27.47	ng	#	97
84) Di-n-octyl phthalate	17.03	149	751518	28.40	ng		98
85) Indeno(1,2,3-cd)pyrene	19.39	276	782919m	31.77	ng		
87) Benzo(b)fluoranthene	17.47	252	749840	33.15	ng	#	96
88) Benzo(k)fluoranthene	17.51	252	631991	28.51	ng		99
89) Benzo(a)pyrene	17.86	252	663228	30.79	ng	#	97
90) Dibenzo(a,h)anthracene	19.43	278	634678	30.89	ng		98
91) Benzo(g,h,i)perylene	19.83	276	654943	31.59	ng		99

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

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