Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021915\
Data File : BF077374.D
Acq On : 19 Feb 2015 14:45
Operator : TP/IZ
Sample : SSTDICC025
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC025

Manual Integrations APPROVED
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2/20/2015 2:04:19 PM

Quant Time: Feb 19 15:28:03 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 19 14:49:45 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	84445	20.00	ng		0.00
21) Naphthalene-d8	8.91	136	346818	20.00	ng		0.00
38) Acenaphthene-d10	11.09	164	196830	20.00	ng		0.00
63) Phenanthrene-d10	12.93	188	358191	20.00	ng		0.00
75) Chrysene-d12	16.23	240	366522	20.00	ng		0.00
86) Perylene-d12	17.99	264	343097	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	248358	50.13	ng		0.00
7) Phenol-d6	6.88	99	307638	47.74	ng		0.00
23) Nitrobenzene-d5	8.02	82	268300	52.59	ng		-0.01
41) 2,4,6-Tribromophenol	12.07	330	96628	56.22	ng		0.00
44) 2-Fluorobiphenyl	10.26	172	679531	52.66	ng		0.00
78) Terphenyl-d14	14.93	244	859123	53.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	50252	23.51	ng		95
3) Pyridine	3.04	79	145003	25.17	ng		93
4) n-Nitrosodimethylamine	2.96	42	66730	24.35	ng		96
6) Aniline	6.92	93	218161	23.95	ng		99
8) 2-Chlorophenol	7.06	128	145086	25.00	ng		96
9) Benzaldehyde	6.78	77	105053	26.47	ng		96
10) Phenol	6.90	94	178586	23.59	ng		94
11) bis(2-Chloroethyl)ether	7.01	93	132524	23.71	ng		86
12) 1,3-Dichlorobenzene	7.25	146	157934	24.21	ng		98
13) 1,4-Dichlorobenzene	7.36	146	162497	24.16	ng		99
14) 1,2-Dichlorobenzene	7.54	146	154522	23.85	ng		99
15) Benzyl Alcohol	7.50	79	117712	24.11	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.69	45	197737	23.61	ng		96
17) 2-Methylphenol	7.65	107	113662	24.43	ng		97
18) Hexachloroethane	7.96	117	54893	25.05	ng		100
19) n-Nitroso-di-n-propylamine	7.85	70	108563	24.56	ng		93
20) 3+4-Methylphenols	7.84	107	154235	25.59	ng	#	58
22) Acetophenone	7.84	105	203681	25.19	ng	#	97
24) Nitrobenzene	8.04	77	144729	26.55	ng	#	80
25) Isophorone	8.35	82	281107	24.88	ng		96
26) 2-Nitrophenol	8.44	139	62678	39.50	ng		95
27) 2,4-Dimethylphenol	8.50	122	139109	26.88	ng		98
28) bis(2-Chloroethoxy)methane	8.62	93	183159	25.49	ng		100
29) 2,4-Dichlorophenol	8.73	162	124390	27.65	ng		86
30) 1,2,4-Trichlorobenzene	8.84	180	139774	24.96	ng		99
31) Naphthalene	8.93	128	434545	25.03	ng		99
32) Benzoic acid	8.58	122	64091m	41.87	ng		
33) 4-Chloroaniline	9.01	127	189507	25.25	ng		99
34) Hexachlorobutadiene	9.09	225	81331	26.44	ng		100
35) Caprolactam	9.42	113	40309	29.03	ng	#	83
36) 4-Chloro-3-methylphenol	9.61	107	131661	26.73	ng		95
37) 2-Methylnaphthalene	9.80	142	310824	24.78	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.01	216	144378	25.36	ng		99
40) Hexachlorocyclopentadiene	10.00	237	76966	26.99	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.15	196	97645	30.15	ng		100
43) 2,4,5-Trichlorophenol	10.19	196	100709	28.91	ng		96
45) 1,1'-Biphenyl	10.39	154	377031	24.13	ng		99
46) 2-Chloronaphthalene	10.40	162	291715	25.04	ng		99
47) 2-Nitroaniline	10.52	65	72962	31.47	ng		99
48) Acenaphthylene	10.91	152	473870	24.85	ng		99
49) Dimethylphthalate	10.76	163	354712	26.13	ng		99
50) 2,6-Dinitrotoluene	10.83	165	72163	31.12	ng	#	41
51) Acenaphthene	11.13	154	289484	25.48	ng		100
52) 3-Nitroaniline	11.04	138	84373	30.68	ng		97
53) 2,4-Dinitrophenol	11.16	184	19154	45.16	ng	#	54
54) Dibenzofuran	11.35	168	450818	26.09	ng		98
55) 4-Nitrophenol	11.23	139	60846	31.72	ng	#	54
56) 2,4-Dinitrotoluene	11.33	165	96492	34.52	ng		98
57) Fluorene	11.77	166	348253	25.61	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.49	232	84479	32.25	ng		99
59) Diethylphthalate	11.64	149	364196	26.03	ng		99
60) 4-Chlorophenyl-phenylether	11.78	204	172558	26.20	ng		98
61) 4-Nitroaniline	11.79	138	82492	31.17	ng		95
62) Azobenzene	11.97	77	341245	24.70	ng		99
64) 4,6-Dinitro-2-methylphenol	11.83	198	30992	43.45	ng	#	33
65) n-Nitrosodiphenylamine	11.93	169	305225	26.18	ng		99
66) 4-Bromophenyl-phenylether	12.39	248	106907	26.82	ng		99
67) Hexachlorobenzene	12.44	284	112085	25.01	ng		98
68) Atrazine	12.59	200	98324	27.95	ng		100
69) Pentachlorophenol	12.69	266	60486	34.70	ng		99
70) Phenanthrene	12.97	178	526038	25.48	ng		98
71) Anthracene	13.03	178	516117	25.14	ng		99
72) Carbazole	13.23	167	499862	27.31	ng		100
73) Di-n-butylphthalate	13.68	149	616714	27.55	ng		99
74) Fluoranthene	14.44	202	572675	27.03	ng		99
76) Benzidine	14.61	184	323176	28.91	ng		99
77) Pyrene	14.73	202	581356	25.98	ng		99
79) Butylbenzylphthalate	15.55	149	253358	30.70	ng		99
80) Benzo(a)anthracene	16.21	228	540177	25.43	ng		99
81) 3,3'-Dichlorobenzidine	16.19	252	204338	28.77	ng	#	96
82) Chrysene	16.26	228	504589	25.17	ng		99
83) Bis(2-ethylhexyl)phthalate	16.27	149	406076	28.88	ng	#	96
84) Di-n-octyl phthalate	17.08	149	658730	29.97	ng		100
85) Indeno(1,2,3-cd)pyrene	19.49	276	543032m	23.85	ng		
87) Benzo(b)fluoranthene	17.54	252	512126	23.31	ng		99
88) Benzo(k)fluoranthene	17.57	252	495376	27.63	ng	#	93
89) Benzo(a)pyrene	17.93	252	485575	25.39	ng		96
90) Dibenzo(a,h)anthracene	19.52	278	442663	23.18	ng		99
91) Benzo(g,h,i)perylene	19.94	276	447127	23.41	ng	#	93

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

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