Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
Data File : BF080892.D
Acq On : 6 Aug 2015 16:55
Operator : TP/UM
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF080615

Manual Integrations APPROVED
MMDadoda
8/10/2015 10:15:03 AM

Quant Time: Aug 07 04:07:24 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 07 03:17:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	54329	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	233464	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	106826	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	222966	20.00	ng		0.00
75) Chrysene-d12	13.96	240	205981	20.00	ng		0.00
86) Perylene-d12	15.37	264	194914	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	291907	85.65	ng		0.00
7) Phenol-d6	6.44	99	380090	81.02	ng		0.00
23) Nitrobenzene-d5	7.38	82	382020	77.08	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	97153	84.67	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	552644	73.74	ng		0.00
78) Terphenyl-d14	12.91	244	669293	68.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	65063	39.41	ng		99
3) Pyridine	3.02	79	198885	42.84	ng		99
4) n-Nitrosodimethylamine	2.97	42	97521	40.60	ng		99
6) Aniline	6.46	93	278059	39.96	ng		99
8) 2-Chlorophenol	6.59	128	164156	42.42	ng		98
9) Benzaldehyde	6.35	77	124600	38.55	ng		99
10) Phenol	6.45	94	236559	42.02	ng		99
11) bis(2-Chloroethyl)ether	6.54	93	148102	37.16	ng		99
12) 1,3-Dichlorobenzene	6.75	146	174753	41.63	ng		98
13) 1,4-Dichlorobenzene	6.83	146	177069	41.43	ng		98
14) 1,2-Dichlorobenzene	6.98	146	151041	38.55	ng		99
15) Benzyl Alcohol	6.96	79	161670	43.44	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	318427	38.93	ng		99
17) 2-Methylphenol	7.07	107	146658	42.29	ng		99
18) Hexachloroethane	7.32	117	64313	39.62	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	126225	37.79	ng		100
20) 3+4-Methylphenols	7.22	107	165876	39.46	ng		96
22) Acetophenone	7.22	105	215402	36.89	ng	#	99
24) Nitrobenzene	7.40	77	186358	36.90	ng	#	75
25) Isophorone	7.64	82	377015	39.69	ng		99
26) 2-Nitrophenol	7.71	139	79081	37.31	ng		96
27) 2,4-Dimethylphenol	7.76	122	165970	40.81	ng		100
28) bis(2-Chloroethoxy)methane	7.85	93	191584	34.03	ng		100
29) 2,4-Dichlorophenol	7.95	162	121621	37.51	ng		98
30) 1,2,4-Trichlorobenzene	8.04	180	142358	39.60	ng		99
31) Naphthalene	8.12	128	515523	40.69	ng		99
32) Benzoic acid	7.87	122	104571	40.43	ng		95
33) 4-Chloroaniline	8.17	127	198866	37.98	ng		98
34) Hexachlorobutadiene	8.24	225	77716	38.00	ng		99
35) Caprolactam	8.54	113	47958	39.63	ng		89
36) 4-Chloro-3-methylphenol	8.65	107	144893	37.10	ng		100
37) 2-Methylnaphthalene	8.81	142	296318	37.94	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	136764	42.03	ng		98
40) Hexachlorocyclopentadiene	8.97	237	82434	44.15	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	92844	38.67	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	105267	43.25	ng		97
45) 1,1'-Biphenyl	9.28	154	398895	44.13	ng		98
46) 2-Chloronaphthalene	9.30	162	306262	43.34	ng		99
47) 2-Nitroaniline	9.39	65	117147	40.76	ng		99
48) Acenaphthylene	9.71	152	501661	40.48	ng		100
49) Dimethylphthalate	9.58	163	360574	42.50	ng	#	98
50) 2,6-Dinitrotoluene	9.64	165	80533	44.27	ng	#	50
51) Acenaphthene	9.88	154	303766	40.34	ng		99
52) 3-Nitroaniline	9.80	138	81849	36.39	ng		93
53) 2,4-Dinitrophenol	9.90	184	42747	42.89	ng		91
54) Dibenzofuran	10.05	168	408394	40.04	ng		99
55) 4-Nitrophenol	9.96	139	81529	48.03	ng	#	84
56) 2,4-Dinitrotoluene	10.04	165	109267	44.65	ng	#	57
57) Fluorene	10.40	166	338888	42.46	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	73325	37.75	ng		97
59) Diethylphthalate	10.28	149	377403	40.84	ng	#	94
60) 4-Chlorophenyl-phenylether	10.40	204	145126	38.80	ng	#	72
61) 4-Nitroaniline	10.42	138	108184	46.89	ng		92
62) Azobenzene	10.54	77	409468	40.43	ng		98
64) 4,6-Dinitro-2-methylphenol	10.44	198	54454	37.49	ng		83
65) n-Nitrosodiphenylamine	10.51	169	311449	39.21	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	89418	36.90	ng		97
67) Hexachlorobenzene	10.94	284	106639	40.70	ng		96
68) Atrazine	11.04	200	86598	37.75	ng		97
69) Pentachlorophenol	11.13	266	61440	41.83	ng		97
70) Phenanthrene	11.36	178	534510	40.96	ng		100
71) Anthracene	11.40	178	465445	36.24	ng		100
72) Carbazole	11.56	167	550240	42.42	ng		99
73) Di-n-butylphthalate	11.89	149	579686	36.66	ng		100
74) Fluoranthene	12.53	202	516308	36.19	ng		99
76) Benzidine	12.66	184	329428	39.15	ng		99
77) Pyrene	12.76	202	546837	35.72	ng		99
79) Butylbenzylphthalate	13.39	149	305199	41.68	ng		99
80) Benzo(a)anthracene	13.95	228	473560	35.19	ng		98
81) 3,3'-Dichlorobenzidine	13.92	252	203990	40.49	ng		98
82) Chrysene	13.99	228	459239	35.70	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	388919	38.75	ng		99
84) Di-n-octyl phthalate	14.56	149	681413	38.53	ng		98
85) Indeno(1,2,3-cd)pyrene	16.73	276	500690	39.98	ng		99
87) Benzo(b)fluoranthene	14.97	252	527205	38.51	ng		99
88) Benzo(k)fluoranthene	14.99	252	446016m	38.68	ng		
89) Benzo(a)pyrene	15.31	252	471395	39.96	ng		99
90) Dibenzo(a,h)anthracene	16.74	278	420367	41.34	ng		98
91) Benzo(g,h,i)perylene	17.14	276	402218	40.81	ng		96

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

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