Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080416\
Data File : BF089594.D
Acq On : 4 Aug 2016 18:00
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
sohil
8/5/2016 6:58:49 PM

Quant Time: Aug 05 01:13:13 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:00:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	40385	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	176414	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	83086	20.00	ng	0.00
63) Phenanthrene-d10	14.70	188	160498	20.00	ng	0.00
75) Chrysene-d12	18.39	240	109227	20.00	ng	0.00
86) Perylene-d12	20.05	264	78568	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	258773	108.11	ng	0.00
7) Phenol-d6	6.98	99	344548	106.38	ng	0.00
23) Nitrobenzene-d5	8.36	82	334646	104.81	ng	0.00
41) 2,4,6-Tribromophenol	13.59	330	72764	109.35	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	617796	97.00	ng	0.00
78) Terphenyl-d14	17.05	244	524540	97.89	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.74	88	64611	45.62	ng	98
3) Pyridine	2.31	79	142062	55.84	ng	99
4) n-Nitrosodimethylamine	2.28	42	56875	58.43	ng	98
6) Aniline	6.94	93	233152	54.16	ng	100
8) 2-Chlorophenol	7.12	128	156872	54.05	ng	99
9) Benzaldehyde	6.75	77	62964	55.04	ng	99
10) Phenol	7.00	94	187229	55.94	ng	98
11) bis(2-Chloroethyl)ether	7.10	93	147165	50.13	ng	99
12) 1,3-Dichlorobenzene	7.35	146	163599	51.37	ng	98
13) 1,4-Dichlorobenzene	7.47	146	165186	51.92	ng	99
14) 1,2-Dichlorobenzene	7.70	146	164942	50.13	ng	99
15) Benzyl Alcohol	7.74	79	116051	54.96	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.94	45	182487	50.32	ng	98
17) 2-Methylphenol	7.95	107	110761	52.06	ng	98
18) Hexachloroethane	8.23	117	67107	50.28	ng	98
19) n-Nitroso-di-n-propylamine	8.17	70	120000	52.58	ng	96
20) 3+4-Methylphenols	8.20	107	148405	53.34	ng	99
22) Acetophenone	8.14	105	234739	54.77	ng	99
24) Nitrobenzene	8.39	77	164306	51.03	ng	99
25) Isophorone	8.79	82	301884	49.79	ng	100
26) 2-Nitrophenol	8.89	139	72255	52.06	ng	98
27) 2,4-Dimethylphenol	9.04	122	133420	53.83	ng	96
28) bis(2-Chloroethoxy)methane	9.18	93	193331	53.25	ng	100
29) 2,4-Dichlorophenol	9.30	162	121323	51.84	ng	99
30) 1,2,4-Trichlorobenzene	9.40	180	137595	51.60	ng	100
31) Naphthalene	9.51	128	468019	50.07	ng	100
32) Benzoic acid	9.37	122	82180	50.25	ng	95
33) 4-Chloroaniline	9.64	127	187132	51.30	ng	99
34) Hexachlorobutadiene	9.74	225	76363	49.38	ng	97
35) Caprolactam	10.30	113	37401	54.48	ng	95
36) 4-Chloro-3-methylphenol	10.50	107	147981	54.11	ng	97
37) 2-Methylnaphthalene	10.64	142	290471	50.70	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.91	216	159390	50.91	ng	99
40) Hexachlorocyclopentadiene	10.89	237	47173	51.94	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.13	196	81204	52.90	ng		99
43) 2,4,5-Trichlorophenol	11.20	196	84758	52.24	ng		99
45) 1,1'-Biphenyl	11.41	154	373357	49.82	ng		99
46) 2-Chloronaphthalene	11.42	162	280312	50.08	ng		99
47) 2-Nitroaniline	11.62	65	93276	52.19	ng		95
48) Acenaphthylene	12.07	152	452494	48.94	ng		100
49) Dimethylphthalate	11.97	163	319538	49.95	ng		99
50) 2,6-Dinitrotoluene	12.05	165	69311	54.01	ng		91
51) Acenaphthene	12.35	154	263799	49.11	ng		99
52) 3-Nitroaniline	12.31	138	80304	53.00	ng		94
53) 2,4-Dinitrophenol	12.51	184	23770	52.46	ng		96
54) Dibenzofuran	12.64	168	365587	49.99	ng		99
55) 4-Nitrophenol	12.67	139	44877m	52.88	ng		
56) 2,4-Dinitrotoluene	12.70	165	92385	53.13	ng		98
57) Fluorene	13.19	166	308941	49.64	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.87	232	64716	55.39	ng		98
59) Diethylphthalate	13.11	149	334267	51.23	ng		99
60) 4-Chlorophenyl-phenylether	13.22	204	145970	51.96	ng		95
61) 4-Nitroaniline	13.31	138	76240	56.82	ng		97
62) Azobenzene	13.49	77	343462	51.63	ng		100
64) 4,6-Dinitro-2-methylphenol	13.36	198	49454	54.99	ng		93
65) n-Nitrosodiphenylamine	13.44	169	274945	50.39	ng		100
66) 4-Bromophenyl-phenylether	14.01	248	80994	51.65	ng		96
67) Hexachlorobenzene	14.07	284	84814	50.01	ng		99
68) Atrazine	14.35	200	78563	54.40	ng		99
69) Pentachlorophenol	14.42	266	34778	57.55	ng		99
70) Phenanthrene	14.73	178	440542	51.29	ng		99
71) Anthracene	14.81	178	457089	48.77	ng		99
72) Carbazole	15.11	167	401754	52.64	ng		100
73) Di-n-butylphthalate	15.70	149	534366	54.08	ng		100
74) Fluoranthene	16.49	202	449610	51.31	ng		99
76) Benzidine	16.73	184	162386	53.43	ng		98
77) Pyrene	16.80	202	466426	48.53	ng		99
79) Butylbenzylphthalate	17.73	149	212340	57.21	ng		98
80) Benzo(a)anthracene	18.38	228	320530	50.68	ng		99
81) 3,3'-Dichlorobenzidine	18.37	252	107811	54.14	ng		99
82) Chrysene	18.42	228	330125	50.19	ng		99
83) Bis(2-ethylhexyl)phthalate	18.47	149	285554	57.28	ng		99
84) Di-n-octyl phthalate	19.25	149	433712	56.86	ng		99
85) Indeno(1,2,3-cd)pyrene	21.22	276	236230	44.13	ng		100
87) Benzo(b)fluoranthene	19.65	252	247445	51.47	ng		100
88) Benzo(k)fluoranthene	19.67	252	251510m	52.64	ng		
89) Benzo(a)pyrene	19.99	252	228500	51.26	ng		99
90) Dibenzo(a,h)anthracene	21.23	278	204167	49.26	ng		98
91) Benzo(g,h,i)perylene	21.57	276	208185	48.00	ng	#	93

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

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