Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061715\
Data File : BF080027.D
Acq On : 17 Jun 2015 15:19
Operator : TP/IZ
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
apatel
6/18/2015 4:05:21 PM

Quant Time: Jun 17 16:34:11 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 17 16:07:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.34	152	47995	20.00	ng		0.00
21) Naphthalene-d8	8.63	136	190717	20.00	ng		0.00
38) Acenaphthene-d10	10.40	164	98847	20.00	ng		0.00
63) Phenanthrene-d10	11.91	188	188443	20.00	ng		0.00
75) Chrysene-d12	14.95	240	210778	20.00	ng		0.02
86) Perylene-d12	16.87	264	208520	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.94	112	322438	96.03	ng		0.00
7) Phenol-d6	6.94	99	432553	110.00	ng		0.00
23) Nitrobenzene-d5	7.90	82	418850	135.91	ng		0.01
41) 2,4,6-Tribromophenol	11.19	330	118173	157.25	ng		0.00
44) 2-Fluorobiphenyl	9.70	172	778668	93.07	ng		0.00
78) Terphenyl-d14	13.64	244	1042871	98.66	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	75739	58.28	ng		84
3) Pyridine	4.02	79	225135	67.15	ng	#	82
4) n-Nitrosodimethylamine	3.94	42	95003	63.92	ng		98
6) Aniline	7.00	93	306848	63.65	ng		97
8) 2-Chlorophenol	7.12	128	188502	52.65	ng		95
9) Benzaldehyde	6.88	77	114813	90.25	ng	#	77
10) Phenol	6.95	94	224357	54.45	ng		70
11) bis(2-Chloroethyl)ether	7.05	93	183190	56.79	ng		99
12) 1,3-Dichlorobenzene	7.28	146	226637m	58.62	ng		
13) 1,4-Dichlorobenzene	7.36	146	215515	54.21	ng		98
14) 1,2-Dichlorobenzene	7.51	146	205893m	55.69	ng		
15) Benzyl Alcohol	7.46	79	182983	86.99	ng	#	80
16) 2,2'-oxybis(1-Chloropropan	7.60	45	270156	43.74	ng		89
17) 2-Methylphenol	7.57	107	161589	64.39	ng	#	86
18) Hexachloroethane	7.86	117	72846	58.31	ng	#	71
19) n-Nitroso-di-n-propylamine	7.73	70	139877	70.63	ng	#	80
20) 3+4-Methylphenols	7.72	107	208091	62.49	ng		87
22) Acetophenone	7.74	105	281587	60.12	ng	#	84
24) Nitrobenzene	7.91	77	198215	67.16	ng	#	61
25) Isophorone	8.15	82	402331	68.98	ng	#	88
26) 2-Nitrophenol	8.23	139	88205	46.35	ng	#	33
27) 2,4-Dimethylphenol	8.25	122	172943	51.08	ng	#	77
28) bis(2-Chloroethoxy)methane	8.36	93	244629	62.50	ng	#	93
29) 2,4-Dichlorophenol	8.47	162	153005	57.38	ng		92
30) 1,2,4-Trichlorobenzene	8.57	180	176490	61.48	ng		97
31) Naphthalene	8.65	128	602934m	54.71	ng		
32) Benzoic acid	8.33	122	114134	51.41	ng	#	75
33) 4-Chloroaniline	8.69	127	247951m	58.61	ng		
34) Hexachlorobutadiene	8.77	225	109571	90.39	ng		98
35) Caprolactam	9.03	113	48717	50.80	ng	#	73
36) 4-Chloro-3-methylphenol	9.16	107	176169	73.84	ng	#	83
37) 2-Methylnaphthalene	9.35	142	387129	58.57	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.51	216	170122	61.29	ng		99
40) Hexachlorocyclopentadiene	9.51	237	83920	51.87	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.62	196	120497	65.86	ng		99
43) 2,4,5-Trichlorophenol	9.66	196	140455	73.69	ng		97
45) 1,1'-Biphenyl	9.81	154	459953	48.04	ng		93
46) 2-Chloronaphthalene	9.84	162	389839	60.10	ng		96
47) 2-Nitroaniline	9.92	65	110930	64.99	ng	#	71
48) Acenaphthylene	10.26	152	660631	57.60	ng		97
49) Dimethylphthalate	10.09	163	418132	62.96	ng	#	97
50) 2,6-Dinitrotoluene	10.16	165	96358	62.03	ng	#	75
51) Acenaphthene	10.44	154	400358	56.48	ng		94
52) 3-Nitroaniline	10.33	138	109734	56.78	ng	#	67
53) 2,4-Dinitrophenol	10.44	184	36675	43.07	ng	#	1
54) Dibenzofuran	10.61	168	558397	62.30	ng	#	91
55) 4-Nitrophenol	10.47	139	80062	51.53	ng	#	27
56) 2,4-Dinitrotoluene	10.57	165	118565	62.05	ng	#	82
57) Fluorene	10.95	166	436664	55.55	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.72	232	115897	80.94	ng		95
59) Diethylphthalate	10.80	149	452247	67.92	ng		98
60) 4-Chlorophenyl-phenylether	10.94	204	215486	69.36	ng		97
61) 4-Nitroaniline	10.95	138	114975	59.20	ng	#	60
62) Azobenzene	11.10	77	461666	75.72	ng		91
64) 4,6-Dinitro-2-methylphenol	10.98	198	62508	55.21	ng	#	70
65) n-Nitrosodiphenylamine	11.05	169	386683	55.65	ng		91
66) 4-Bromophenyl-phenylether	11.43	248	124560	71.45	ng	#	86
67) Hexachlorobenzene	11.52	284	135563	72.18	ng	#	76
68) Atrazine	11.57	200	111487	69.76	ng		84
69) Pentachlorophenol	11.70	266	83633	70.21	ng		99
70) Phenanthrene	11.93	178	653626	56.22	ng		96
71) Anthracene	11.99	178	681620	59.15	ng		97
72) Carbazole	12.14	167	615014	57.83	ng	#	94
73) Di-n-butylphthalate	12.48	149	725681	57.15	ng	#	99
74) Fluoranthene	13.22	202	757764	76.46	ng		89
76) Benzidine	13.34	184	346725	69.09	ng	#	96
77) Pyrene	13.49	202	772173	46.15	ng		96
79) Butylbenzylphthalate	14.20	149	321891	41.92	ng	#	84
80) Benzo(a)anthracene	14.94	228	774938	61.08	ng		97
81) 3,3'-Dichlorobenzidine	14.88	252	270710	69.70	ng	#	92
82) Chrysene	14.99	228	703398m	57.09	ng		
83) Bis(2-ethylhexyl)phthalate	14.92	149	506715	46.54	ng		95
84) Di-n-octyl phthalate	15.75	149	866026	53.19	ng		95
85) Indeno(1,2,3-cd)pyrene	18.75	276	890509	86.39	ng	#	87
87) Benzo(b)fluoranthene	16.32	252	775649	59.67	ng	#	88
88) Benzo(k)fluoranthene	16.37	252	730027	54.79	ng	#	86
89) Benzo(a)pyrene	16.79	252	707673	58.03	ng	#	86
90) Dibenzo(a,h)anthracene	18.77	278	732974	69.36	ng	#	81
91) Benzo(g,h,i)perylene	19.31	276	724223	67.17	ng	#	78

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

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