Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
Data File : BF080251.D
Acq On : 30 Jun 2015 22:24
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
apatel
7/1/2015 4:17:15 PM

Quant Time: Jul 01 12:07:46 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 00:53:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	33719	20.00	ng		-0.05
21) Naphthalene-d8	8.57	136	138599	20.00	ng		-0.05
38) Acenaphthene-d10	10.34	164	71205	20.00	ng		-0.05
63) Phenanthrene-d10	11.85	188	137857	20.00	ng		-0.06
75) Chrysene-d12	14.67	240	152125m	20.00	ng		-0.33
86) Perylene-d12	16.44	264	149014m	20.00	ng		-0.49
System Monitoring Compounds							
5) 2-Fluorophenol	5.89	112	144639	75.93	ng		-0.05
7) Phenol-d6	6.89	99	189650	74.82	ng		-0.03
23) Nitrobenzene-d5	7.84	82	188834	79.32	ng		-0.03
41) 2,4,6-Tribromophenol	11.14	330	47899	68.79	ng		-0.03
44) 2-Fluorobiphenyl	9.65	172	346151	69.33	ng		-0.05
78) Terphenyl-d14	13.48	244	464131	71.26	ng		-0.19
Target Compounds							Qvalue
2) 1,4-Dioxane	3.11	88	32304m	35.68	ng		
3) Pyridine	3.96	79	97075	40.32	ng	#	83
4) n-Nitrosodimethylamine	3.85	42	43202	37.75	ng		98
6) Aniline	6.94	93	140618	40.32	ng		93
8) 2-Chlorophenol	7.06	128	83786	38.06	ng		87
9) Benzaldehyde	6.82	77	44533	30.43	ng	#	68
10) Phenol	6.90	94	108336	39.16	ng		84
11) bis(2-Chloroethyl)ether	7.01	93	75166	34.25	ng		85
12) 1,3-Dichlorobenzene	7.22	146	97683	36.93	ng	#	93
13) 1,4-Dichlorobenzene	7.30	146	105225	41.83	ng		97
14) 1,2-Dichlorobenzene	7.45	146	91270m	37.29	ng		
15) Benzyl Alcohol	7.41	79	72568m	35.01	ng		
16) 2,2'-oxybis(1-Chloropropan	7.56	45	132068	40.54	ng		83
17) 2-Methylphenol	7.52	107	68271	36.30	ng	#	88
18) Hexachloroethane	7.81	117	33615	40.14	ng	#	79
19) n-Nitroso-di-n-propylamine	7.68	70	63606	36.14	ng	#	76
20) 3+4-Methylphenols	7.67	107	93429	38.50	ng		92
22) Acetophenone	7.68	105	121222	37.53	ng	#	83
24) Nitrobenzene	7.86	77	86766	35.31	ng	#	80
25) Isophorone	8.09	82	162901	34.00	ng	#	83
26) 2-Nitrophenol	8.18	139	43991	42.77	ng	#	80
27) 2,4-Dimethylphenol	8.21	122	82172	38.31	ng		86
28) bis(2-Chloroethoxy)methane	8.30	93	102187	36.30	ng	#	91
29) 2,4-Dichlorophenol	8.42	162	74741	40.69	ng		96
30) 1,2,4-Trichlorobenzene	8.52	180	87361	41.88	ng		99
31) Naphthalene	8.60	128	268843m	37.10	ng		
32) Benzoic acid	8.28	122	28237	21.78	ng	#	77
33) 4-Chloroaniline	8.63	127	101907	32.86	ng	#	83
34) Hexachlorobutadiene	8.72	225	46338	36.08	ng		99
35) Caprolactam	8.97	113	21128	35.44	ng		92
36) 4-Chloro-3-methylphenol	9.11	107	69288	33.44	ng		96
37) 2-Methylnaphthalene	9.29	142	185822	39.64	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	9.46	216	81860	39.51	ng		98
40) Hexachlorocyclopentadiene	9.45	237	31147	33.18	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.57	196	56997	40.43	ng		99
43) 2,4,5-Trichlorophenol	9.60	196	55996	34.47	ng	#	90
45) 1,1'-Biphenyl	9.75	154	203388	35.11	ng		92
46) 2-Chloronaphthalene	9.78	162	178887	38.06	ng		96
47) 2-Nitroaniline	9.86	65	42667	33.07	ng	#	56
48) Acenaphthylene	10.21	152	306964	39.12	ng		98
49) Dimethylphthalate	10.05	163	183353	34.25	ng	#	96
50) 2,6-Dinitrotoluene	10.10	165	38587	35.96	ng	#	50
51) Acenaphthene	10.38	154	178626	37.22	ng		90
52) 3-Nitroaniline	10.28	138	42044	33.95	ng	#	46
53) 2,4-Dinitrophenol	10.39	184	14353	36.30	ng	#	1
54) Dibenzofuran	10.55	168	243354	35.73	ng	#	89
55) 4-Nitrophenol	10.42	139	34744	35.10	ng	#	47
56) 2,4-Dinitrotoluene	10.52	165	56500	41.49	ng	#	87
57) Fluorene	10.89	166	194023	35.90	ng		91
58) 2,3,4,6-Tetrachlorophenol	10.66	232	46750	34.09	ng		98
59) Diethylphthalate	10.74	149	185987	34.50	ng		96
60) 4-Chlorophenyl-phenylether	10.88	204	96139	37.02	ng		91
61) 4-Nitroaniline	10.89	138	46567	36.41	ng	#	50
62) Azobenzene	11.04	77	203451	37.08	ng		87
64) 4,6-Dinitro-2-methylphenol	10.93	198	24505	38.33	ng		96
65) n-Nitrosodiphenylamine	11.00	169	175215	39.03	ng		93
66) 4-Bromophenyl-phenylether	11.38	248	53058	36.20	ng	#	82
67) Hexachlorobenzene	11.46	284	57567	35.34	ng	#	76
68) Atrazine	11.52	200	49970	35.23	ng		83
69) Pentachlorophenol	11.65	266	27336	29.61	ng		98
70) Phenanthrene	11.88	178	307705	36.87	ng		97
71) Anthracene	11.92	178	302179	37.60	ng		98
72) Carbazole	12.07	167	269647	35.14	ng		96
73) Di-n-butylphthalate	12.39	149	305050	34.41	ng	#	98
74) Fluoranthene	13.09	202	319303	35.92	ng		94
76) Benzidine	13.20	184	156260	36.75	ng		98
77) Pyrene	13.34	202	335286	35.80	ng		97
79) Butylbenzylphthalate	13.98	149	122890	32.67	ng	#	85
80) Benzo(a)anthracene	14.65	228	333805m	36.02	ng		
81) 3,3'-Dichlorobenzidine	14.60	252	112125m	35.08	ng		
82) Chrysene	14.69	228	308598m	36.11	ng		
83) Bis(2-ethylhexyl)phthalate	14.62	149	197483m	33.22	ng		
84) Di-n-octyl phthalate	15.35	149	326005m	32.00	ng		
85) Indeno(1,2,3-cd)pyrene	18.23	276	384929m	35.72	ng		
87) Benzo(b)fluoranthene	15.91	252	311635m	34.54	ng		
88) Benzo(k)fluoranthene	15.95	252	272080m	29.61	ng		
89) Benzo(a)pyrene	16.36	252	310378m	36.22	ng		
90) Dibenzo(a,h)anthracene	18.25	278	318865m	36.36	ng		
91) Benzo(g,h,i)perylene	18.78	276	319777m	36.11	ng		

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

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