Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
Data File : BF081742.D
Acq On : 22 Sep 2015 16:17
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMDadoda
9/23/2015 4:33:38 PM

Quant Time: Sep 22 17:47:47 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 14:03:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	31979	20.00	ng		-0.08
21) Naphthalene-d8	11.04	136	129834	20.00	ng		-0.08
38) Acenaphthene-d10	15.17	164	61022	20.00	ng		-0.09
63) Phenanthrene-d10	18.68	188	125340	20.00	ng		-0.08
75) Chrysene-d12	23.33	240	90677	20.00	ng		-0.06
86) Perylene-d12	24.77	264	58628	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	150166	72.86	ng		-0.07
7) Phenol-d6	7.58	99	212443	77.87	ng		-0.07
23) Nitrobenzene-d5	9.45	82	217921	80.98	ng		-0.08
41) 2,4,6-Tribromophenol	17.08	330	45128	83.06	ng		-0.09
44) 2-Fluorobiphenyl	13.69	172	401478	84.31	ng		-0.08
78) Terphenyl-d14	22.05	244	355649	91.30	ng		-0.07
Target Compounds							Qvalue
2) 1,4-Dioxane	1.51	88	88574	95.68	ng	#	46
3) Pyridine	2.01	79	89549	35.08	ng	#	77
4) n-Nitrosodimethylamine	2.00	42	64744	45.66	ng	#	61
6) Aniline	7.45	93	144747	37.57	ng	#	85
8) 2-Chlorophenol	7.69	128	89436	39.38	ng	#	78
9) Benzaldehyde	7.17	77	56023	32.77	ng	#	71
10) Phenol	7.60	94	112153	35.45	ng	#	45
11) bis(2-Chloroethyl)ether	7.68	93	89701	39.30	ng	#	70
12) 1,3-Dichlorobenzene	7.99	146	92947	38.30	ng	#	88
13) 1,4-Dichlorobenzene	8.17	146	95004	38.45	ng	#	88
14) 1,2-Dichlorobenzene	8.49	146	90340	40.61	ng	#	89
15) Benzyl Alcohol	8.60	79	90543	40.46	ng	#	69
16) 2,2'-oxybis(1-Chloropropan	8.90	45	179384	41.00	ng		94
17) 2-Methylphenol	8.94	107	71557	39.48	ng	#	78
18) Hexachloroethane	9.22	117	38720	40.28	ng	#	88
19) n-Nitroso-di-n-propylamine	9.22	70	77630	41.81	ng	#	90
20) 3+4-Methylphenols	9.32	107	93557	38.29	ng		82
22) Acetophenone	9.14	105	134709	37.99	ng	#	74
24) Nitrobenzene	9.50	77	115809	41.44	ng	#	64
25) Isophorone	10.09	82	198973	39.75	ng	#	84
26) 2-Nitrophenol	10.22	139	45957	37.73	ng	#	23
27) 2,4-Dimethylphenol	10.50	122	79522	37.80	ng	#	77
28) bis(2-Chloroethoxy)methane	10.69	93	113725	39.33	ng	#	90
29) 2,4-Dichlorophenol	10.84	162	67947	37.25	ng		91
30) 1,2,4-Trichlorobenzene	10.95	180	79688	40.21	ng		96
31) Naphthalene	11.09	128	270535	39.07	ng		99
32) Benzoic acid	11.08	122	38368	26.73	ng	#	34
33) 4-Chloroaniline	11.34	127	110323	39.06	ng	#	83
34) Hexachlorobutadiene	11.44	225	53119	44.04	ng		97
35) Caprolactam	12.32	113	20554	36.74	ng	#	25
36) 4-Chloro-3-methylphenol	12.67	107	86315	42.27	ng	#	74
37) 2-Methylnaphthalene	12.75	142	184329	40.91	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	13.15	216	79421	41.15	ng		98
40) Hexachlorocyclopentadiene	13.12	237	36494	38.53	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	51154	38.41	ng		99
43) 2,4,5-Trichlorophenol	13.61	196	52218	38.43	ng	#	85
45) 1,1'-Biphenyl	13.89	154	219545	39.11	ng		96
46) 2-Chloronaphthalene	13.88	162	162960	40.19	ng	#	87
47) 2-Nitroaniline	14.23	65	70332	42.56	ng	#	56
48) Acenaphthylene	14.83	152	280838	39.05	ng		97
49) Dimethylphthalate	14.78	163	193863	40.89	ng	#	97
50) 2,6-Dinitrotoluene	14.87	165	39676	36.87	ng	#	16
51) Acenaphthene	15.25	154	155377	37.97	ng		90
52) 3-Nitroaniline	15.25	138	47170	38.51	ng	#	60
53) 2,4-Dinitrophenol	15.53	184	19199	38.74	ng	#	4
54) Dibenzofuran	15.67	168	235115	39.35	ng	#	84
55) 4-Nitrophenol	15.90	139	19331	25.12	ng	#	2
56) 2,4-Dinitrotoluene	15.83	165	55583	40.57	ng	#	63
57) Fluorene	16.48	166	191956	42.34	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.05	232	41501	40.01	ng		92
59) Diethylphthalate	16.47	149	216748	43.46	ng		96
60) 4-Chlorophenyl-phenylether	16.57	204	91729	43.41	ng	#	83
61) 4-Nitroaniline	16.71	138	43234	34.93	ng	#	8
62) Azobenzene	16.95	77	232812	41.99	ng		84
64) 4,6-Dinitro-2-methylphenol	16.79	198	30166	43.03	ng	#	81
65) n-Nitrosodiphenylamine	16.91	169	169952	37.26	ng		93
66) 4-Bromophenyl-phenylether	17.72	248	51880	40.94	ng	#	88
67) Hexachlorobenzene	17.76	284	52329	39.49	ng	#	81
68) Atrazine	18.31	200	51058	38.69	ng		82
69) Pentachlorophenol	18.33	266	11365	24.44	ng		97
70) Phenanthrene	18.73	178	270425	38.81	ng		97
71) Anthracene	18.86	178	272317	38.04	ng		98
72) Carbazole	19.34	167	251255	37.40	ng		98
73) Di-n-butylphthalate	20.38	149	336918	42.47	ng	#	98
74) Fluoranthene	21.36	202	287422	38.10	ng		89
76) Benzidine	21.69	184	126151	32.41	ng		98
77) Pyrene	21.72	202	286857	42.71	ng		99
79) Butylbenzylphthalate	22.75	149	128619	44.03	ng	#	70
80) Benzo(a)anthracene	23.32	228	233134	40.37	ng		98
81) 3,3'-Dichlorobenzidine	23.33	252	75298	38.66	ng	#	96
82) Chrysene	23.36	228	217915	42.10	ng		96
83) Bis(2-ethylhexyl)phthalate	23.44	149	181130	46.99	ng	#	90
84) Di-n-octyl phthalate	24.09	149	262044	41.28	ng		97
85) Indeno(1,2,3-cd)pyrene	25.80	276	133642	35.19	ng	#	83
87) Benzo(b)fluoranthene	24.43	252	153049m	36.56	ng		
88) Benzo(k)fluoranthene	24.45	252	160456m	46.20	ng		
89) Benzo(a)pyrene	24.72	252	145157	40.93	ng	#	82
90) Dibenzo(a,h)anthracene	25.80	278	109309	39.88	ng	#	82
91) Benzo(g,h,i)perylene	26.08	276	103044	39.39	ng	#	76

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

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