Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052317\
Data File : BF095348.D
Acq On : 23 May 2017 13:29
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/24/2017 4:43:03 PM

Quant Time: May 24 01:56:58 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	91956	20.00	ng		-0.01
21) Naphthalene-d8	9.77	136	377319	20.00	ng		-0.01
38) Acenaphthene-d10	12.60	164	187055	20.00	ng		-0.02
63) Phenanthrene-d10	15.01	188	338569	20.00	ng		-0.02
75) Chrysene-d12	18.68	240	267840	20.00	ng		-0.01
86) Perylene-d12	20.36	264	196681	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	552761	100.22	ng		-0.02
7) Phenol-d6	7.30	99	598058	90.37	ng		-0.01
23) Nitrobenzene-d5	8.67	82	528139	88.26	ng		0.00
41) 2,4,6-Tribromophenol	13.91	330	138514	90.42	ng		-0.01
44) 2-Fluorobiphenyl	11.55	172	1047963	80.64	ng		-0.01
78) Terphenyl-d14	17.33	244	1063739	87.48	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	124949	46.19	ng		95
3) Pyridine	2.90	79	276610	44.12	ng		99
4) n-Nitrosodimethylamine	2.83	42	100450	38.44	ng		83
6) Aniline	7.27	93	402561	48.18	ng		94
8) 2-Chlorophenol	7.45	128	291245	46.39	ng		93
9) Benzaldehyde	7.08	77	152475	37.73	ng		99
10) Phenol	7.32	94	324464m	46.53	ng		
11) bis(2-Chloroethyl)ether	7.39	93	257744	44.77	ng		95
12) 1,3-Dichlorobenzene	7.66	146	318189	44.68	ng		97
13) 1,4-Dichlorobenzene	7.78	146	327773	45.39	ng		98
14) 1,2-Dichlorobenzene	8.01	146	307456	45.61	ng		97
15) Benzyl Alcohol	8.05	79	210158	49.37	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.24	45	346059	42.47	ng		55
17) 2-Methylphenol	8.25	107	238263	46.38	ng		96
18) Hexachloroethane	8.52	117	107934	44.12	ng	#	80
19) n-Nitroso-di-n-propylamine	8.47	70	201995	45.13	ng		93
20) 3+4-Methylphenols	8.51	107	314489	45.05	ng	#	58
22) Acetophenone	8.44	105	401085	44.30	ng	#	82
24) Nitrobenzene	8.69	77	278803	44.45	ng		92
25) Isophorone	9.10	82	486208	45.51	ng		95
26) 2-Nitrophenol	9.20	139	162231m	47.94	ng		
27) 2,4-Dimethylphenol	9.33	122	246202	45.00	ng		98
28) bis(2-Chloroethoxy)methane	9.45	93	328100	44.39	ng		98
29) 2,4-Dichlorophenol	9.62	162	226930	43.92	ng		99
30) 1,2,4-Trichlorobenzene	9.70	180	244164	44.11	ng		98
31) Naphthalene	9.81	128	845691	44.59	ng		99
32) Benzoic acid	9.67	122	133224	38.24	ng		97
33) 4-Chloroaniline	9.95	127	331330	46.88	ng	#	92
34) Hexachlorobutadiene	10.02	225	124802	42.73	ng		99
35) Caprolactam	10.60	113	66603m	42.93	ng		
36) 4-Chloro-3-methylphenol	10.80	107	256530	46.44	ng		90
37) 2-Methylnaphthalene	10.93	142	572167	45.97	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	240035	41.73	ng		99
40) Hexachlorocyclopentadiene	11.18	237	94146	42.04	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.44	196	160083	41.68	ng		96
43) 2,4,5-Trichlorophenol	11.53	196	159116	38.55	ng		94
45) 1,1'-Biphenyl	11.70	154	677771	43.04	ng		98
46) 2-Chloronaphthalene	11.72	162	544879	42.85	ng		97
47) 2-Nitroaniline	11.94	65	154007	44.25	ng	#	85
48) Acenaphthylene	12.38	152	849430	42.65	ng		100
49) Dimethylphthalate	12.25	163	630167	41.04	ng		100
50) 2,6-Dinitrotoluene	12.35	165	136799	43.67	ng		96
51) Acenaphthene	12.66	154	507568	42.66	ng		99
52) 3-Nitroaniline	12.62	138	152559	45.37	ng		89
53) 2,4-Dinitrophenol	12.84	184	66406	41.73	ng	#	68
54) Dibenzofuran	12.95	168	730449	44.37	ng		98
55) 4-Nitrophenol	13.04	139	73096	36.19	ng	#	81
56) 2,4-Dinitrotoluene	13.02	165	189464	47.06	ng		95
57) Fluorene	13.50	166	620027	43.31	ng		97
58) 2,3,4,6-Tetrachlorophenol	13.19	232	123968	47.72	ng	#	90
59) Diethylphthalate	13.39	149	627470	42.63	ng		99
60) 4-Chlorophenyl-phenylether	13.52	204	276673	43.98	ng		88
61) 4-Nitroaniline	13.62	138	127998	41.47	ng		95
62) Azobenzene	13.78	77	531459	44.94	ng		93
64) 4,6-Dinitro-2-methylphenol	13.69	198	102419	45.13	ng	#	68
65) n-Nitrosodiphenylamine	13.73	169	534280	43.48	ng		98
66) 4-Bromophenyl-phenylether	14.31	248	156079	43.63	ng		97
67) Hexachlorobenzene	14.40	284	156024	42.56	ng	#	90
68) Atrazine	14.65	200	151230	43.59	ng		99
69) Pentachlorophenol	14.76	266	79808	50.48	ng		97
70) Phenanthrene	15.05	178	860577	44.24	ng		99
71) Anthracene	15.13	178	900775	45.33	ng		98
72) Carbazole	15.41	167	816944	45.19	ng		98
73) Di-n-butylphthalate	15.97	149	995579	44.16	ng		99
74) Fluoranthene	16.79	202	893609	44.78	ng		99
76) Benzidine	17.01	184	266515	38.33	ng	#	93
77) Pyrene	17.09	202	921212	45.99	ng		98
79) Butylbenzylphthalate	17.99	149	418580	44.92	ng		90
80) Benzo(a)anthracene	18.67	228	670217	43.00	ng		98
81) 3,3'-Dichlorobenzidine	18.65	252	222082	41.25	ng	#	96
82) Chrysene	18.72	228	650087	43.13	ng		99
83) Bis(2-ethylhexyl)phthalate	18.73	149	543366	40.93	ng	#	99
84) Di-n-octyl phthalate	19.50	149	905264	41.59	ng		96
85) Indeno(1,2,3-cd)pyrene	21.68	276	447198	36.53	ng		100
87) Benzo(b)fluoranthene	19.95	252	506809	41.70	ng		99
88) Benzo(k)fluoranthene	19.98	252	600490m	51.22	ng		
89) Benzo(a)pyrene	20.30	252	504241	44.96	ng		99
90) Dibenzo(a,h)anthracene	21.69	278	380159	41.05	ng		99
91) Benzo(g,h,i)perylene	22.07	276	389263	42.83	ng		99

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

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