Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
Data File : BF095924.D
Acq On : 14 Jun 2017 15:55
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/15/2017 3:55:07 PM

Quant Time: Jun 15 01:20:05 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.34	152	90636	20.00	ng		-0.06
21) Naphthalene-d8	9.37	136	381173	20.00	ng		-0.06
38) Acenaphthene-d10	12.19	164	173164	20.00	ng		-0.06
63) Phenanthrene-d10	14.59	188	301758	20.00	ng		-0.06
75) Chrysene-d12	18.31	240	234779	20.00	ng		-0.05
86) Perylene-d12	19.97	264	193211	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	480767	84.52	ng		-0.06
7) Phenol-d6	6.91	99	564879	82.95	ng		-0.05
23) Nitrobenzene-d5	8.27	82	507403	82.67	ng		-0.05
41) 2,4,6-Tribromophenol	13.49	330	124939	81.55	ng		-0.06
44) 2-Fluorobiphenyl	11.16	172	977444	78.55	ng		-0.06
78) Terphenyl-d14	16.96	244	785172	83.00	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	1.66	88	111819	41.32	ng		85
3) Pyridine	2.20	79	235744m	37.07	ng		
4) n-Nitrosodimethylamine	2.18	42	95486	39.49	ng	#	77
6) Aniline	6.84	93	360755	40.50	ng		95
8) 2-Chlorophenol	7.03	128	252653	41.78	ng		94
9) Benzaldehyde	6.65	77	169134	36.82	ng		99
10) Phenol	6.93	94	302495	42.82	ng		90
11) bis(2-Chloroethyl)ether	6.99	93	241793	43.21	ng		98
12) 1,3-Dichlorobenzene	7.23	146	278658	40.71	ng		98
13) 1,4-Dichlorobenzene	7.36	146	285676	41.15	ng		97
14) 1,2-Dichlorobenzene	7.60	146	268910	42.02	ng		96
15) Benzyl Alcohol	7.65	79	199231	42.63	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.84	45	337435	42.92	ng		97
17) 2-Methylphenol	7.87	107	215029	42.37	ng		96
18) Hexachloroethane	8.12	117	98150	42.81	ng	#	86
19) n-Nitroso-di-n-propylamine	8.08	70	188885	43.77	ng		94
20) 3+4-Methylphenols	8.14	107	286668	44.49	ng	#	60
22) Acetophenone	8.04	105	363857	40.78	ng	#	84
24) Nitrobenzene	8.29	77	265083	40.43	ng		94
25) Isophorone	8.70	82	469634	40.98	ng		96
26) 2-Nitrophenol	8.80	139	144174	41.99	ng		99
27) 2,4-Dimethylphenol	8.96	122	221397	41.55	ng		97
28) bis(2-Chloroethoxy)methane	9.07	93	319586	42.31	ng		99
29) 2,4-Dichlorophenol	9.23	162	210855	41.09	ng		99
30) 1,2,4-Trichlorobenzene	9.30	180	218875	40.99	ng		99
31) Naphthalene	9.40	128	769706	40.24	ng		99
32) Benzoic acid	9.35	122	125459	38.78	ng		92
33) 4-Chloroaniline	9.56	127	309990	41.46	ng	#	92
34) Hexachlorobutadiene	9.63	225	114914	41.65	ng		98
35) Caprolactam	10.22	113	64168m	42.03	ng		
36) 4-Chloro-3-methylphenol	10.44	107	223229	41.56	ng		88
37) 2-Methylnaphthalene	10.53	142	522149	40.40	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.82	216	211979	40.90	ng		99
40) Hexachlorocyclopentadiene	10.78	237	41079	32.98	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.05	196	138692	41.62	ng		99
43) 2,4,5-Trichlorophenol	11.13	196	135454	38.22	ng	#	93
45) 1,1'-Biphenyl	11.30	154	570028	39.94	ng		97
46) 2-Chloronaphthalene	11.32	162	443289	39.75	ng		96
47) 2-Nitroaniline	11.54	65	129628	39.72	ng	#	82
48) Acenaphthylene	11.97	152	727938	38.18	ng		99
49) Dimethylphthalate	11.86	163	522600	39.75	ng		99
50) 2,6-Dinitrotoluene	11.96	165	109516	38.19	ng	#	64
51) Acenaphthene	12.25	154	436169	39.61	ng		99
52) 3-Nitroaniline	12.22	138	131730	39.43	ng		91
53) 2,4-Dinitrophenol	12.45	184	54985	37.60	ng	#	65
54) Dibenzofuran	12.53	168	612345	39.51	ng		99
55) 4-Nitrophenol	12.65	139	58526	32.89	ng	#	72
56) 2,4-Dinitrotoluene	12.63	165	160094	41.33	ng	#	92
57) Fluorene	13.09	166	530803	39.35	ng		100
58) 2,3,4,6-Tetrachlorophenol	12.79	232	96297	39.71	ng	#	93
59) Diethylphthalate	13.00	149	509045	40.23	ng		99
60) 4-Chlorophenyl-phenylether	13.12	204	236982	40.40	ng		91
61) 4-Nitroaniline	13.23	138	119429	38.28	ng		95
62) Azobenzene	13.37	77	451987	39.41	ng		94
64) 4,6-Dinitro-2-methylphenol	13.30	198	77501	39.07	ng	#	73
65) n-Nitrosodiphenylamine	13.33	169	431315	39.78	ng		95
66) 4-Bromophenyl-phenylether	13.90	248	131136	41.81	ng		96
67) Hexachlorobenzene	13.98	284	128256	41.50	ng	#	88
68) Atrazine	14.26	200	126931	42.06	ng		97
69) Pentachlorophenol	14.35	266	35376	34.30	ng		96
70) Phenanthrene	14.63	178	690157	39.64	ng		98
71) Anthracene	14.71	178	717263	39.46	ng		99
72) Carbazole	15.01	167	718304	40.55	ng		98
73) Di-n-butylphthalate	15.60	149	800146	42.46	ng		99
74) Fluoranthene	16.40	202	703369	40.82	ng		99
76) Benzidine	16.63	184	317888	35.25	ng	#	93
77) Pyrene	16.71	202	707432	40.38	ng		99
79) Butylbenzylphthalate	17.63	149	324193	42.37	ng	#	83
80) Benzo(a)anthracene	18.30	228	557969	40.88	ng		97
81) 3,3'-Dichlorobenzidine	18.28	252	196942	40.58	ng	#	97
82) Chrysene	18.34	228	552481	40.50	ng		98
83) Bis(2-ethylhexyl)phthalate	18.38	149	472499	43.78	ng	#	99
84) Di-n-octyl phthalate	19.15	149	757223	42.58	ng		96
85) Indeno(1,2,3-cd)pyrene	21.14	276	418564	35.86	ng		99
87) Benzo(b)fluoranthene	19.57	252	481484	39.80	ng		98
88) Benzo(k)fluoranthene	19.60	252	493573	42.68	ng		95
89) Benzo(a)pyrene	19.92	252	451295	40.59	ng		98
90) Dibenzo(a,h)anthracene	21.14	278	355666	37.71	ng		97
91) Benzo(g,h,i)perylene	21.46	276	365756	38.03	ng		97

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

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