Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
Data File : BF095223.D
Acq On : 18 May 2017 15:27
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/19/2017 3:39:55 PM

Quant Time: May 18 17:03:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	102137	20.00	ng		0.04
21) Naphthalene-d8	9.78	136	434813	20.00	ng		0.03
38) Acenaphthene-d10	12.62	164	200416	20.00	ng		0.04
63) Phenanthrene-d10	15.02	188	321301	20.00	ng		0.04
75) Chrysene-d12	18.69	240	293447	20.00	ng		0.04
86) Perylene-d12	20.36	264	230143	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.74	112	495183	80.83	ng		0.06
7) Phenol-d6	7.31	99	593730	80.77	ng		0.04
23) Nitrobenzene-d5	8.67	82	488164	70.80	ng		0.04
41) 2,4,6-Tribromophenol	13.92	330	138171	84.18	ng		0.04
44) 2-Fluorobiphenyl	11.56	172	1050194	75.42	ng		0.03
78) Terphenyl-d14	17.35	244	1028690	77.21	ng		0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.23	88	110073	36.64	ng		95
3) Pyridine	2.92	79	259632m	37.29	ng		
4) n-Nitrosodimethylamine	2.85	42	99946m	34.43	ng		
6) Aniline	7.28	93	395176	42.59	ng		94
8) 2-Chlorophenol	7.46	128	286456	41.08	ng		95
9) Benzaldehyde	7.09	77	166994	37.21	ng		99
10) Phenol	7.33	94	289232	37.34	ng		89
11) bis(2-Chloroethyl)ether	7.40	93	261374	40.87	ng		95
12) 1,3-Dichlorobenzene	7.67	146	324552	41.03	ng		99
13) 1,4-Dichlorobenzene	7.80	146	336324	41.93	ng		98
14) 1,2-Dichlorobenzene	8.03	146	302343	40.38	ng		95
15) Benzyl Alcohol	8.05	79	215098	45.50	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.25	45	358751	39.64	ng		51
17) 2-Methylphenol	8.26	107	247907	43.44	ng		93
18) Hexachloroethane	8.54	117	107036	39.39	ng	#	85
19) n-Nitroso-di-n-propylamine	8.48	70	212311	42.71	ng		93
20) 3+4-Methylphenols	8.52	107	321441	41.45	ng	#	56
22) Acetophenone	8.45	105	420109	40.27	ng	#	83
24) Nitrobenzene	8.70	77	258167	35.72	ng		95
25) Isophorone	9.10	82	479348	38.93	ng	#	94
26) 2-Nitrophenol	9.21	139	156166	40.04	ng		98
27) 2,4-Dimethylphenol	9.34	122	252786	40.09	ng		99
28) bis(2-Chloroethoxy)methane	9.47	93	344178	40.41	ng		99
29) 2,4-Dichlorophenol	9.63	162	241451	40.56	ng		99
30) 1,2,4-Trichlorobenzene	9.71	180	250276	39.24	ng		98
31) Naphthalene	9.82	128	873421	39.97	ng		99
32) Benzoic acid	9.67	122	129193	32.98	ng		95
33) 4-Chloroaniline	9.96	127	348463	42.79	ng	#	90
34) Hexachlorobutadiene	10.04	225	128629	38.22	ng		98
35) Caprolactam	10.60	113	77005m	43.07	ng		
36) 4-Chloro-3-methylphenol	10.81	107	265556	41.72	ng		91
37) 2-Methylnaphthalene	10.94	142	544939	37.99	ng		97
39) 1,2,4,5-Tetrachlorobenzene	11.22	216	240683	39.05	ng		99
40) Hexachlorocyclopentadiene	11.19	237	81948	35.29	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.45	196	146462	35.59	ng		99
43) 2,4,5-Trichlorophenol	11.54	196	163959	37.07	ng	#	93
45) 1,1'-Biphenyl	11.71	154	678031	40.18	ng		97
46) 2-Chloronaphthalene	11.73	162	534356	39.22	ng		96
47) 2-Nitroaniline	11.95	65	149020	39.96	ng	#	78
48) Acenaphthylene	12.39	152	844322	39.56	ng		99
49) Dimethylphthalate	12.26	163	641959	39.02	ng		99
50) 2,6-Dinitrotoluene	12.36	165	137250	40.89	ng		97
51) Acenaphthene	12.67	154	495759	38.89	ng		99
52) 3-Nitroaniline	12.63	138	147637	40.98	ng		90
53) 2,4-Dinitrophenol	12.85	184	53641	33.00	ng	#	70
54) Dibenzofuran	12.96	168	712475	40.39	ng		97
55) 4-Nitrophenol	13.04	139	69728m	32.22	ng		
56) 2,4-Dinitrotoluene	13.02	165	183621	42.57	ng	#	91
57) Fluorene	13.52	166	591554	38.57	ng		98
58) 2,3,4,6-Tetrachlorophenol	13.20	232	117630	42.26	ng	#	92
59) Diethylphthalate	13.41	149	626765	39.74	ng		99
60) 4-Chlorophenyl-phenylether	13.54	204	263634	39.11	ng		92
61) 4-Nitroaniline	13.63	138	120516	36.44	ng		94
62) Azobenzene	13.79	77	519214	40.97	ng		94
64) 4,6-Dinitro-2-methylphenol	13.69	198	93211	43.28	ng	#	69
65) n-Nitrosodiphenylamine	13.75	169	531187	45.55	ng		99
66) 4-Bromophenyl-phenylether	14.32	248	148503	43.75	ng		99
67) Hexachlorobenzene	14.41	284	142287	40.90	ng	#	87
68) Atrazine	14.67	200	133088	40.42	ng		97
69) Pentachlorophenol	14.77	266	56606	39.21	ng		97
70) Phenanthrene	15.07	178	736835	39.91	ng		98
71) Anthracene	15.14	178	757378	40.16	ng		98
72) Carbazole	15.42	167	689704	40.20	ng		97
73) Di-n-butylphthalate	15.98	149	889804	41.59	ng		99
74) Fluoranthene	16.80	202	798664	42.17	ng		99
76) Benzidine	17.02	184	287092	37.80	ng	#	94
77) Pyrene	17.11	202	860624	39.21	ng		98
79) Butylbenzylphthalate	18.00	149	414476	40.60	ng		88
80) Benzo(a)anthracene	18.68	228	669955	39.23	ng		98
81) 3,3'-Dichlorobenzidine	18.66	252	226728	38.44	ng	#	96
82) Chrysene	18.73	228	673577	40.79	ng		98
83) Bis(2-ethylhexyl)phthalate	18.74	149	563594	38.75	ng		99
84) Di-n-octyl phthalate	19.51	149	856749	35.93	ng		95
85) Indeno(1,2,3-cd)pyrene	21.70	276	441367	32.91	ng		100
87) Benzo(b)fluoranthene	19.96	252	506903	35.65	ng		98
88) Benzo(k)fluoranthene	19.99	252	593816	43.29	ng		96
89) Benzo(a)pyrene	20.31	252	510991	38.94	ng		99
90) Dibenzo(a,h)anthracene	21.70	278	373512	34.46	ng		98
91) Benzo(g,h,i)perylene	22.08	276	343043m	32.26	ng		

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

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