Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
Data File : BF095146.D
Acq On : 16 May 2017 3:16
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/17/2017 2:20:45 PM

Quant Time: May 16 15:17:20 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	7.78	152	102203	20.00	ng		0.05
21) Naphthalene-d8	9.80	136	399743	20.00	ng		0.04
38) Acenaphthene-d10	12.63	164	162604	20.00	ng		0.05
63) Phenanthrene-d10	15.03	188	240082	20.00	ng		0.05
75) Chrysene-d12	18.70	240	217713	20.00	ng		0.05
86) Perylene-d12	20.37	264	190320	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.74	112	513533	83.77	ng		0.06
7) Phenol-d6	7.32	99	598965	81.43	ng		0.05
23) Nitrobenzene-d5	8.68	82	522176	82.37	ng		0.05
41) 2,4,6-Tribromophenol	13.93	330	95384	71.63	ng		0.05
44) 2-Fluorobiphenyl	11.57	172	966046	85.51	ng		0.04
78) Terphenyl-d14	17.35	244	687863	69.59	ng		0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.23	88	131446	43.72	ng		92
3) Pyridine	2.92	79	293135m	42.07	ng		
4) n-Nitrosodimethylamine	2.85	42	98976	34.08	ng		84
6) Aniline	7.28	93	397394	42.80	ng		96
8) 2-Chlorophenol	7.47	128	290323	41.61	ng		94
9) Benzaldehyde	7.10	77	174883	38.94	ng		93
10) Phenol	7.34	94	296603	38.27	ng		89
11) bis(2-Chloroethyl)ether	7.41	93	256067	40.02	ng		96
12) 1,3-Dichlorobenzene	7.68	146	324205	40.96	ng		98
13) 1,4-Dichlorobenzene	7.81	146	331528	41.30	ng		97
14) 1,2-Dichlorobenzene	8.04	146	309773	41.35	ng		94
15) Benzyl Alcohol	8.07	79	203283	42.97	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.27	45	352094	38.88	ng	#	45
17) 2-Methylphenol	8.27	107	231198	40.49	ng		94
18) Hexachloroethane	8.55	117	96539	35.50	ng	#	86
19) n-Nitroso-di-n-propylamine	8.49	70	195750	39.35	ng		93
20) 3+4-Methylphenols	8.53	107	314001	40.47	ng	#	58
22) Acetophenone	8.45	105	395971	41.29	ng	#	85
24) Nitrobenzene	8.71	77	272750	41.05	ng		93
25) Isophorone	9.11	82	462639	40.87	ng	#	94
26) 2-Nitrophenol	9.22	139	143075	39.90	ng		96
27) 2,4-Dimethylphenol	9.35	122	238918	41.21	ng		99
28) bis(2-Chloroethoxy)methane	9.47	93	325739	41.60	ng		98
29) 2,4-Dichlorophenol	9.64	162	222619	40.67	ng		99
30) 1,2,4-Trichlorobenzene	9.72	180	241850	41.24	ng		98
31) Naphthalene	9.83	128	814377	40.53	ng		99
32) Benzoic acid	9.65	122	94687	27.33	ng		97
33) 4-Chloroaniline	9.97	127	306206	40.90	ng	#	93
34) Hexachlorobutadiene	10.05	225	123890	40.04	ng		97
35) Caprolactam	10.60	113	64839m	39.45	ng		
36) 4-Chloro-3-methylphenol	10.82	107	232370	39.71	ng		87
37) 2-Methylnaphthalene	10.95	142	520290	39.46	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.24	216	217823	43.56	ng		98
40) Hexachlorocyclopentadiene	11.21	237	19577	14.66	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.45	196	141087	42.26	ng		99
43) 2,4,5-Trichlorophenol	11.55	196	140375	39.12	ng	#	90
45) 1,1'-Biphenyl	11.72	154	599292	43.77	ng		98
46) 2-Chloronaphthalene	11.74	162	472590	42.75	ng		97
47) 2-Nitroaniline	11.95	65	125877	41.60	ng	#	84
48) Acenaphthylene	12.40	152	690037	39.85	ng		98
49) Dimethylphthalate	12.27	163	572279	42.87	ng		98
50) 2,6-Dinitrotoluene	12.37	165	110038	40.41	ng		96
51) Acenaphthene	12.68	154	411169	39.76	ng		99
52) 3-Nitroaniline	12.64	138	122050	41.76	ng		90
53) 2,4-Dinitrophenol	12.88	184	4820	9.21	ng	#	59
54) Dibenzofuran	12.97	168	573828	40.10	ng		98
55) 4-Nitrophenol	13.05	139	38322m	21.83	ng		
56) 2,4-Dinitrotoluene	13.03	165	135751	38.79	ng	#	90
57) Fluorene	13.52	166	472730	37.99	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.21	232	83797	37.10	ng	#	94
59) Diethylphthalate	13.42	149	539615	42.18	ng		99
60) 4-Chlorophenyl-phenylether	13.55	204	220830	40.38	ng		92
61) 4-Nitroaniline	13.64	138	92460	34.46	ng		98
62) Azobenzene	13.81	77	396139	38.53	ng		91
64) 4,6-Dinitro-2-methylphenol	13.71	198	16244	10.09	ng	#	71
65) n-Nitrosodiphenylamine	13.75	169	414417	47.56	ng		100
66) 4-Bromophenyl-phenylether	14.34	248	115398	45.50	ng		96
67) Hexachlorobenzene	14.42	284	109264	42.03	ng	#	93
68) Atrazine	14.67	200	101251	41.16	ng		97
69) Pentachlorophenol	14.78	266	35061	33.51	ng		98
70) Phenanthrene	15.07	178	562344	40.77	ng		98
71) Anthracene	15.15	178	579601	41.13	ng		97
72) Carbazole	15.44	167	493216	38.47	ng		97
73) Di-n-butylphthalate	15.99	149	753338	47.12	ng		98
74) Fluoranthene	16.81	202	545193	38.53	ng		97
76) Benzidine	17.04	184	165109	30.78	ng	#	93
77) Pyrene	17.11	202	576463	35.40	ng		99
79) Butylbenzylphthalate	18.01	149	273532	36.12	ng		92
80) Benzo(a)anthracene	18.69	228	494097	39.00	ng		99
81) 3,3'-Dichlorobenzidine	18.67	252	176513	40.33	ng	#	96
82) Chrysene	18.74	228	500395	40.84	ng		99
83) Bis(2-ethylhexyl)phthalate	18.75	149	397624	36.85	ng	#	99
84) Di-n-octyl phthalate	19.52	149	719142	40.65	ng		95
85) Indeno(1,2,3-cd)pyrene	21.71	276	380854	38.28	ng		99
87) Benzo(b)fluoranthene	19.97	252	458629	39.00	ng		99
88) Benzo(k)fluoranthene	19.99	252	518778	45.73	ng	#	96
89) Benzo(a)pyrene	20.32	252	433175	39.92	ng		99
90) Dibenzo(a,h)anthracene	21.71	278	331759	37.02	ng		99
91) Benzo(g,h,i)perylene	22.09	276	317598	36.11	ng		99

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

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