Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098482.D
Acq On : 13 Sep 2017 11:26
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/14/2017 5:52:12 PM

Quant Time: Sep 13 13:38:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	200381	20.00	ng		-0.01
21) Naphthalene-d8	7.94	136	837551	20.00	ng		-0.01
38) Acenaphthene-d10	9.69	164	378292	20.00	ng		-0.01
63) Phenanthrene-d10	11.17	188	700088	20.00	ng		-0.02
75) Chrysene-d12	13.80	240	521241	20.00	ng		-0.01
86) Perylene-d12	15.20	264	445260	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1054994	77.84	ng		-0.02
7) Phenol-d6	6.31	99	1308574	76.05	ng		-0.01
23) Nitrobenzene-d5	7.23	82	1133936	75.48	ng		-0.01
41) 2,4,6-Tribromophenol	10.48	330	234720	92.97	ng		-0.01
44) 2-Fluorobiphenyl	9.02	172	1797636	80.54	ng		-0.02
78) Terphenyl-d14	12.76	244	1777717	73.62	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	260574	37.251	ng		91
3) Pyridine	2.97	79	707711	38.097	ng		86
4) n-Nitrosodimethylamine	2.94	42	315398	34.631	ng		99
6) Aniline	6.32	93	802797	37.188	ng	#	21
8) 2-Chlorophenol	6.45	128	577423	38.746	ng		96
9) Benzaldehyde	6.20	77	400297	35.586	ng		93
10) Phenol	6.32	94	752499	37.650	ng	#	67
11) bis(2-Chloroethyl)ether	6.40	93	561057	37.232	ng		93
12) 1,3-Dichlorobenzene	6.60	146	589894	39.326	ng		99
13) 1,4-Dichlorobenzene	6.67	146	596789	38.842	ng		96
14) 1,2-Dichlorobenzene	6.83	146	544138	38.872	ng		98
15) Benzyl Alcohol	6.81	79	430096	37.556	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.94	45	857096	34.568	ng		84
17) 2-Methylphenol	6.93	107	460961	37.932	ng		94
18) Hexachloroethane	7.16	117	218556	37.143	ng	#	85
19) n-Nitroso-di-n-propylamine	7.08	70	385726	35.637	ng		99
20) 3+4-Methylphenols	7.09	107	587846	38.332	ng	#	70
22) Acetophenone	7.07	105	814148	37.610	ng	#	93
24) Nitrobenzene	7.25	77	638753	37.326	ng		93
25) Isophorone	7.49	82	1103257	36.296	ng		100
26) 2-Nitrophenol	7.56	139	304340	44.047	ng	#	84
27) 2,4-Dimethylphenol	7.61	122	502969	38.187	ng		96
28) bis(2-Chloroethoxy)methane	7.70	93	687182	37.050	ng		100
29) 2,4-Dichlorophenol	7.81	162	450838	41.156	ng		96
30) 1,2,4-Trichlorobenzene	7.89	180	480750	40.344	ng		99
31) Naphthalene	7.96	128	1601350	38.676	ng		100
32) Benzoic acid	7.77	122	352303	41.222	ng		100
33) 4-Chloroaniline	8.02	127	675097	40.119	ng		97
34) Hexachlorobutadiene	8.07	225	245732	40.170	ng		97
35) Caprolactam	8.41	113	151878m	40.206	ng		
36) 4-Chloro-3-methylphenol	8.51	107	535658	39.429	ng	#	82
37) 2-Methylnaphthalene	8.65	142	984815	39.266	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	479990	40.733	ng		99
40) Hexachlorocyclopentadiene	8.80	237	98146	34.777	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	303082	43.789	ng		92
43) 2,4,5-Trichlorophenol	8.98	196	306686	42.393	ng		96
45) 1,1'-Biphenyl	9.12	154	1312486	38.763	ng		97
46) 2-Chloronaphthalene	9.14	162	953933	39.449	ng	#	92
47) 2-Nitroaniline	9.25	65	354042	38.146	ng		97
48) Acenaphthylene	9.56	152	1405756	39.098	ng		99
49) Dimethylphthalate	9.42	163	1112939	38.006	ng		100
50) 2,6-Dinitrotoluene	9.49	165	249480	41.476	ng	#	87
51) Acenaphthene	9.73	154	892094	39.033	ng		97
52) 3-Nitroaniline	9.66	138	297102	40.918	ng		95
53) 2,4-Dinitrophenol	9.77	184	110344	43.198	ng	#	74
54) Dibenzofuran	9.90	168	1150586	38.214	ng		99
55) 4-Nitrophenol	9.83	139	174438	41.815	ng	#	50
56) 2,4-Dinitrotoluene	9.89	165	302890	41.419	ng	#	54
57) Fluorene	10.24	166	956677	38.388	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	208655	42.916	ng		97
59) Diethylphthalate	10.12	149	1034079	37.132	ng		98
60) 4-Chlorophenyl-phenylether	10.23	204	448887	38.997	ng	#	84
61) 4-Nitroaniline	10.27	138	298410	40.695	ng		90
62) Azobenzene	10.39	77	1042259	34.724	ng		97
64) 4,6-Dinitro-2-methylphenol	10.31	198	181438	42.848	ng	#	66
65) n-Nitrosodiphenylamine	10.35	169	888503	39.086	ng		98
66) 4-Bromophenyl-phenylether	10.72	248	267730	40.294	ng		96
67) Hexachlorobenzene	10.79	284	280254	41.582	ng	#	89
68) Atrazine	10.89	200	271934	38.857	ng		98
69) Pentachlorophenol	10.99	266	121754	44.209	ng		95
70) Phenanthrene	11.20	178	1426020	38.423	ng		99
71) Anthracene	11.25	178	1474625	38.699	ng		98
72) Carbazole	11.41	167	1365845	38.461	ng		98
73) Di-n-butylphthalate	11.74	149	1595306	37.494	ng		99
74) Fluoranthene	12.38	202	1456907	39.213	ng		99
76) Benzidine	12.51	184	843453	36.563	ng	#	93
77) Pyrene	12.61	202	1525609	37.102	ng		99
79) Butylbenzylphthalate	13.23	149	686828	38.503	ng	#	78
80) Benzo(a)anthracene	13.80	228	1183565	38.730	ng		99
81) 3,3'-Dichlorobenzidine	13.76	252	495439	41.717	ng	#	95
82) Chrysene	13.83	228	1170957	37.907	ng		99
83) Bis(2-ethylhexyl)phthalate	13.79	149	854176	38.154	ng	#	100
84) Di-n-octyl phthalate	14.40	149	1502865	39.126	ng		99
85) Indeno(1,2,3-cd)pyrene	16.54	276	909281	41.956	ng		100
87) Benzo(b)fluoranthene	14.81	252	1063751	37.996	ng		98
88) Benzo(k)fluoranthene	14.84	252	1055959m	40.402	ng		
89) Benzo(a)pyrene	15.14	252	987219	39.580	ng		98
90) Dibenzo(a,h)anthracene	16.55	278	740258	40.799	ng		97
91) Benzo(g,h,i)perylene	16.94	276	736484	40.357	ng		96

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

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