Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091217\
Data File : BF098473.D
Acq On : 13 Sep 2017 2:21
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/13/2017 5:00:27 PM

Quant Time: Sep 13 03:42:21 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	185543	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	727957	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	288564	20.00	ng		0.00
63) Phenanthrene-d10	11.17	188	429549	20.00	ng		-0.01
75) Chrysene-d12	13.81	240	334694	20.00	ng		0.00
86) Perylene-d12	15.21	264	265338	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1004353	80.03	ng		0.00
7) Phenol-d6	6.32	99	1190075	74.69	ng		0.00
23) Nitrobenzene-d5	7.23	82	1009657	77.32	ng		0.00
41) 2,4,6-Tribromophenol	10.49	330	152393	79.13	ng		0.00
44) 2-Fluorobiphenyl	9.02	172	1535254	90.18	ng		-0.01
78) Terphenyl-d14	12.76	244	1152386	74.32	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	241598	37.300	ng		88
3) Pyridine	2.96	79	663389	38.567	ng	#	82
4) n-Nitrosodimethylamine	2.93	42	290899	34.496	ng		97
6) Aniline	6.33	93	733809	36.711	ng	#	31
8) 2-Chlorophenol	6.45	128	540617	39.177	ng		94
9) Benzaldehyde	6.22	77	385801	37.040	ng		98
10) Phenol	6.33	94	684810	37.003	ng	#	56
11) bis(2-Chloroethyl)ether	6.40	93	523279	37.502	ng		92
12) 1,3-Dichlorobenzene	6.60	146	546117	39.319	ng		98
13) 1,4-Dichlorobenzene	6.68	146	551800	38.786	ng		96
14) 1,2-Dichlorobenzene	6.83	146	504679	38.937	ng		99
15) Benzyl Alcohol	6.82	79	387266	36.521	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	823802	35.882	ng		91
17) 2-Methylphenol	6.94	107	418534	37.195	ng	#	90
18) Hexachloroethane	7.17	117	159269	29.232	ng	#	80
19) n-Nitroso-di-n-propylamine	7.09	70	360723	35.992	ng		97
20) 3+4-Methylphenols	7.09	107	538414	37.916	ng	#	71
22) Acetophenone	7.08	105	744539	39.573	ng	#	93
24) Nitrobenzene	7.26	77	572545	38.494	ng		95
25) Isophorone	7.49	82	984177	37.253	ng		100
26) 2-Nitrophenol	7.57	139	237638	39.571	ng	#	86
27) 2,4-Dimethylphenol	7.62	122	447605	39.100	ng		96
28) bis(2-Chloroethoxy)methane	7.70	93	630172	39.091	ng		98
29) 2,4-Dichlorophenol	7.82	162	388232	40.776	ng		96
30) 1,2,4-Trichlorobenzene	7.89	180	422128	40.758	ng		99
31) Naphthalene	7.97	128	1385705	38.506	ng		100
32) Benzoic acid	7.75	122	223829	32.277	ng		99
33) 4-Chloroaniline	8.03	127	574090	39.253	ng		97
34) Hexachlorobutadiene	8.09	225	224897	42.299	ng		98
35) Caprolactam	8.41	113	122833	37.413	ng	#	80
36) 4-Chloro-3-methylphenol	8.52	107	436819	36.995	ng	#	85
37) 2-Methylnaphthalene	8.66	142	828706	38.017	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	400086	44.510	ng		99
40) Hexachlorocyclopentadiene	8.81	237	2106	10.533	ng		83

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	237698	45.021	ng		93
43) 2,4,5-Trichlorophenol	8.99	196	236049	42.774	ng		94
45) 1,1'-Biphenyl	9.12	154	1102088	42.670	ng		97
46) 2-Chloronaphthalene	9.15	162	763710	41.403	ng		94
47) 2-Nitroaniline	9.25	65	281510	39.762	ng		95
48) Acenaphthylene	9.56	152	1090595	39.765	ng		99
49) Dimethylphthalate	9.43	163	935385	41.876	ng		99
50) 2,6-Dinitrotoluene	9.49	165	183854	40.070	ng	#	72
51) Acenaphthene	9.73	154	679716	38.988	ng		98
52) 3-Nitroaniline	9.66	138	222240	40.125	ng		98
53) 2,4-Dinitrophenol	9.79	184	4057	10.196	ng		87
54) Dibenzofuran	9.90	168	880525	38.338	ng		99
55) 4-Nitrophenol	9.85	139	111020	34.888	ng	#	58
56) 2,4-Dinitrotoluene	9.90	165	201208	36.070	ng	#	49
57) Fluorene	10.25	166	702213	36.939	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.03	232	141363	38.117	ng		95
59) Diethylphthalate	10.12	149	850492	40.036	ng		98
60) 4-Chlorophenyl-phenylether	10.24	204	344392	39.222	ng	#	87
61) 4-Nitroaniline	10.27	138	207397	37.078	ng		86
62) Azobenzene	10.40	77	757779	33.097	ng		97
64) 4,6-Dinitro-2-methylphenol	10.31	198	12448	9.200	ng		96
65) n-Nitrosodiphenylamine	10.36	169	642066	46.034	ng		98
66) 4-Bromophenyl-phenylether	10.73	248	188479	46.232	ng		90
67) Hexachlorobenzene	10.79	284	182560	44.147	ng	#	86
68) Atrazine	10.89	200	181181	42.195	ng		97
69) Pentachlorophenol	10.99	266	66592	40.162	ng		99
70) Phenanthrene	11.20	178	914633	40.165	ng		99
71) Anthracene	11.25	178	936695	40.065	ng		99
72) Carbazole	11.42	167	848587	38.946	ng		99
73) Di-n-butylphthalate	11.75	149	1132721	43.389	ng		99
74) Fluoranthene	12.39	202	894461	39.237	ng		98
76) Benzidine	12.52	184	538937	36.384	ng		96
77) Pyrene	12.62	202	934891	35.409	ng		99
79) Butylbenzylphthalate	13.23	149	436036	38.068	ng	#	77
80) Benzo(a)anthracene	13.80	228	776240	39.559	ng		98
81) 3,3'-Dichlorobenzidine	13.77	252	324072	42.497	ng	#	95
82) Chrysene	13.84	228	759681	38.300	ng		99
83) Bis(2-ethylhexyl)phthalate	13.79	149	586216	40.779	ng		100
84) Di-n-octyl phthalate	14.40	149	1103530	44.743	ng		98
85) Indeno(1,2,3-cd)pyrene	16.56	276	516959	37.148	ng		99
87) Benzo(b)fluoranthene	14.82	252	640235	38.375	ng		98
88) Benzo(k)fluoranthene	14.84	252	665505m	42.728	ng		
89) Benzo(a)pyrene	15.16	252	586953	39.490	ng		99
90) Dibenzo(a,h)anthracene	16.56	278	429902	39.761	ng		98
91) Benzo(g,h,i)perylene	16.95	276	416795	38.326	ng		99

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

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