Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098493.D
Acq On : 13 Sep 2017 16:45
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/14/2017 5:52:29 PM

Quant Time: Sep 14 05:56:06 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	171435	20.00	ng		-0.01
21) Naphthalene-d8	7.94	136	723031	20.00	ng		-0.01
38) Acenaphthene-d10	9.69	164	327512	20.00	ng		-0.01
63) Phenanthrene-d10	11.17	188	599866	20.00	ng		-0.01
75) Chrysene-d12	13.80	240	391355	20.00	ng		-0.01
86) Perylene-d12	15.20	264	313802	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	971003	83.74	ng		-0.02
7) Phenol-d6	6.31	99	1186766	80.61	ng		-0.01
23) Nitrobenzene-d5	7.23	82	1050151	80.97	ng		0.00
41) 2,4,6-Tribromophenol	10.48	330	216906	99.23	ng		-0.01
44) 2-Fluorobiphenyl	9.02	172	1659273	85.87	ng		-0.02
78) Terphenyl-d14	12.76	244	1596689	88.06	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	229161	38.292	ng		90
3) Pyridine	2.96	79	613852	38.624	ng		88
4) n-Nitrosodimethylamine	2.93	42	279899	35.923	ng		100
6) Aniline	6.32	93	723608	39.179	ng	#	22
8) 2-Chlorophenol	6.45	128	533081	41.810	ng		96
9) Benzaldehyde	6.21	77	372754	38.733	ng		96
10) Phenol	6.32	94	684922	40.055	ng	#	63
11) bis(2-Chloroethyl)ether	6.40	93	511659	39.687	ng		94
12) 1,3-Dichlorobenzene	6.60	146	545699	42.522	ng		98
13) 1,4-Dichlorobenzene	6.67	146	552727	42.048	ng		95
14) 1,2-Dichlorobenzene	6.83	146	502388	41.949	ng		98
15) Benzyl Alcohol	6.81	79	394333	40.247	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.94	45	788781	37.184	ng		79
17) 2-Methylphenol	6.93	107	424737	40.853	ng		94
18) Hexachloroethane	7.16	117	203945	40.512	ng	#	83
19) n-Nitroso-di-n-propylamine	7.08	70	356272	38.473	ng		98
20) 3+4-Methylphenols	7.09	107	539238	41.099	ng	#	72
22) Acetophenone	7.07	105	750886	40.182	ng	#	91
24) Nitrobenzene	7.25	77	579612	39.235	ng		94
25) Isophorone	7.49	82	1003092	38.227	ng		97
26) 2-Nitrophenol	7.56	139	278758	46.735	ng	#	85
27) 2,4-Dimethylphenol	7.61	122	463240	40.741	ng		98
28) bis(2-Chloroethoxy)methane	7.70	93	635237	39.674	ng		99
29) 2,4-Dichlorophenol	7.81	162	414212	43.801	ng		96
30) 1,2,4-Trichlorobenzene	7.89	180	443832	43.145	ng		99
31) Naphthalene	7.96	128	1475425	41.278	ng		100
32) Benzoic acid	7.77	122	313210	42.215	ng		99
33) 4-Chloroaniline	8.02	127	608658	41.900	ng		97
34) Hexachlorobutadiene	8.08	225	232068	43.945	ng		100
35) Caprolactam	8.41	113	131573	40.348	ng	#	86
36) 4-Chloro-3-methylphenol	8.51	107	482995	41.184	ng	#	84
37) 2-Methylnaphthalene	8.65	142	905096	41.804	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	441840	43.310	ng		99
40) Hexachlorocyclopentadiene	8.80	237	83877	34.456	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	274322	45.779	ng		91
43) 2,4,5-Trichlorophenol	8.99	196	283682	45.293	ng		90
45) 1,1'-Biphenyl	9.12	154	1225454	41.804	ng		98
46) 2-Chloronaphthalene	9.15	162	876691	41.876	ng		94
47) 2-Nitroaniline	9.25	65	313856	39.059	ng		96
48) Acenaphthylene	9.56	152	1278524	41.073	ng		99
49) Dimethylphthalate	9.42	163	1027048	40.511	ng		100
50) 2,6-Dinitrotoluene	9.49	165	226295	43.455	ng	#	86
51) Acenaphthene	9.73	154	814878	41.183	ng		98
52) 3-Nitroaniline	9.66	138	266424	42.382	ng		96
53) 2,4-Dinitrophenol	9.77	184	94660	42.881	ng	#	79
54) Dibenzofuran	9.90	168	1045236	40.097	ng		99
55) 4-Nitrophenol	9.84	139	149354	41.353	ng	#	59
56) 2,4-Dinitrotoluene	9.90	165	273034	43.126	ng	#	60
57) Fluorene	10.24	166	875572	40.581	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	184226	43.767	ng		97
59) Diethylphthalate	10.12	149	966367	40.080	ng		98
60) 4-Chlorophenyl-phenylether	10.23	204	412444	41.386	ng	#	87
61) 4-Nitroaniline	10.27	138	258860	40.775	ng		89
62) Azobenzene	10.39	77	944469	36.345	ng		97
64) 4,6-Dinitro-2-methylphenol	10.31	198	161525	44.325	ng	#	72
65) n-Nitrosodiphenylamine	10.36	169	800671	41.107	ng		99
66) 4-Bromophenyl-phenylether	10.72	248	249319	43.792	ng		93
67) Hexachlorobenzene	10.79	284	257877	44.655	ng	#	83
68) Atrazine	10.89	200	250953	41.850	ng		98
69) Pentachlorophenol	10.99	266	104353	44.220	ng		95
70) Phenanthrene	11.20	178	1307682	41.121	ng		99
71) Anthracene	11.25	178	1314333	40.256	ng		98
72) Carbazole	11.41	167	1223154	40.198	ng		99
73) Di-n-butylphthalate	11.74	149	1465229	40.190	ng		99
74) Fluoranthene	12.38	202	1304919	40.990	ng		99
76) Benzidine	12.51	184	722266	41.701	ng		96
77) Pyrene	12.61	202	1338724	43.363	ng		99
79) Butylbenzylphthalate	13.23	149	575394	42.961	ng	#	77
80) Benzo(a)anthracene	13.80	228	957672	41.739	ng		99
81) 3,3'-Dichlorobenzidine	13.76	252	381848	42.824	ng	#	95
82) Chrysene	13.83	228	939513	40.508	ng		99
83) Bis(2-ethylhexyl)phthalate	13.79	149	689327	41.009	ng	#	100
84) Di-n-octyl phthalate	14.40	149	1127100	39.082	ng		99
85) Indeno(1,2,3-cd)pyrene	16.54	276	722596	44.407	ng		99
87) Benzo(b)fluoranthene	14.81	252	788522	39.964	ng		99
88) Benzo(k)fluoranthene	14.84	252	775685m	42.111	ng		
89) Benzo(a)pyrene	15.14	252	722114	41.080	ng		99
90) Dibenzo(a,h)anthracene	16.55	278	589355	46.090	ng		98
91) Benzo(g,h,i)perylene	16.94	276	609494	47.390	ng		97

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

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