Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098558.D
Acq On : 15 Sep 2017 9:56
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/18/2017 3:33:18 PM

Quant Time: Sep 15 13:21:44 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	6.65	152	144662	20.00	ng		-0.02
21) Naphthalene-d8	7.93	136	614296	20.00	ng		-0.02
38) Acenaphthene-d10	9.68	164	283443	20.00	ng		-0.02
63) Phenanthrene-d10	11.17	188	530316	20.00	ng		-0.02
75) Chrysene-d12	13.80	240	385132	20.00	ng		-0.01
86) Perylene-d12	15.20	264	318260	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	783433	80.07	ng		-0.03
7) Phenol-d6	6.30	99	955354	76.90	ng		-0.02
23) Nitrobenzene-d5	7.22	82	843250	76.53	ng		-0.02
41) 2,4,6-Tribromophenol	10.47	330	189819	100.34	ng		-0.02
44) 2-Fluorobiphenyl	9.01	172	1454660	86.99	ng		-0.02
78) Terphenyl-d14	12.75	244	1460029	81.83	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	170779	33.818	ng		90
3) Pyridine	2.94	79	453780	33.836	ng	#	85
4) n-Nitrosodimethylamine	2.91	42	211202m	32.123	ng		
6) Aniline	6.31	93	587833	37.718	ng	#	34
8) 2-Chlorophenol	6.43	128	431077	40.067	ng		96
9) Benzaldehyde	6.20	77	283774	34.944	ng		99
10) Phenol	6.32	94	555192	38.477	ng		74
11) bis(2-Chloroethyl)ether	6.39	93	404276	37.161	ng		94
12) 1,3-Dichlorobenzene	6.59	146	443535	40.958	ng		98
13) 1,4-Dichlorobenzene	6.66	146	452941	40.834	ng		94
14) 1,2-Dichlorobenzene	6.82	146	412782	40.846	ng		98
15) Benzyl Alcohol	6.80	79	331907	40.145	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.93	45	602586	33.664	ng		60
17) 2-Methylphenol	6.92	107	340022	38.757	ng	#	90
18) Hexachloroethane	7.15	117	166674	39.236	ng	#	85
19) n-Nitroso-di-n-propylamine	7.07	70	292802	37.471	ng		97
20) 3+4-Methylphenols	7.07	107	450412	40.682	ng	#	78
22) Acetophenone	7.07	105	626817	39.480	ng	#	92
24) Nitrobenzene	7.24	77	462728	36.867	ng		96
25) Isophorone	7.48	82	816769	36.636	ng		97
26) 2-Nitrophenol	7.55	139	231848	45.751	ng	#	82
27) 2,4-Dimethylphenol	7.60	122	380701	39.408	ng		98
28) bis(2-Chloroethoxy)methane	7.69	93	514285	37.805	ng		100
29) 2,4-Dichlorophenol	7.80	162	345596	43.014	ng		95
30) 1,2,4-Trichlorobenzene	7.87	180	375737	42.991	ng		99
31) Naphthalene	7.95	128	1220893	40.203	ng		100
32) Benzoic acid	7.76	122	230241	37.599	ng		98
33) 4-Chloroaniline	8.01	127	499534	40.474	ng		98
34) Hexachlorobutadiene	8.07	225	201959	45.013	ng		99
35) Caprolactam	8.40	113	108316	39.096	ng	#	78
36) 4-Chloro-3-methylphenol	8.51	107	398919	40.036	ng		88
37) 2-Methylnaphthalene	8.65	142	754290	41.005	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	385818	43.698	ng		99
40) Hexachlorocyclopentadiene	8.79	237	82749	37.902	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	231827	44.702	ng		92
43) 2,4,5-Trichlorophenol	8.97	196	236294	43.592	ng		96
45) 1,1'-Biphenyl	9.11	154	1037660	40.901	ng		98
46) 2-Chloronaphthalene	9.13	162	751355	41.469	ng		93
47) 2-Nitroaniline	9.24	65	256554	36.892	ng		99
48) Acenaphthylene	9.55	152	1089020	40.425	ng		99
49) Dimethylphthalate	9.42	163	877360	39.988	ng		99
50) 2,6-Dinitrotoluene	9.49	165	195178	43.307	ng	#	90
51) Acenaphthene	9.72	154	692401	40.433	ng		98
52) 3-Nitroaniline	9.65	138	218687	40.197	ng		99
53) 2,4-Dinitrophenol	9.77	184	79060	41.681	ng	#	81
54) Dibenzofuran	9.89	168	904014	40.072	ng		99
55) 4-Nitrophenol	9.83	139	107413	34.365	ng	#	55
56) 2,4-Dinitrotoluene	9.89	165	234344	42.770	ng	#	63
57) Fluorene	10.23	166	762458	40.833	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	160931	44.177	ng		95
59) Diethylphthalate	10.11	149	825753	39.573	ng		99
60) 4-Chlorophenyl-phenylether	10.22	204	369235	42.811	ng		91
61) 4-Nitroaniline	10.27	138	200919	36.569	ng		91
62) Azobenzene	10.39	77	775715	34.492	ng		96
64) 4,6-Dinitro-2-methylphenol	10.30	198	139869	43.518	ng	#	76
65) n-Nitrosodiphenylamine	10.35	169	696947	40.474	ng		98
66) 4-Bromophenyl-phenylether	10.71	248	215517	42.819	ng		97
67) Hexachlorobenzene	10.78	284	228003	44.660	ng	#	88
68) Atrazine	10.88	200	215871	40.721	ng		99
69) Pentachlorophenol	10.98	266	74412	37.009	ng		97
70) Phenanthrene	11.19	178	1134145	40.341	ng		98
71) Anthracene	11.24	178	1168449	40.481	ng		98
72) Carbazole	11.40	167	1050296	39.044	ng		99
73) Di-n-butylphthalate	11.73	149	1289365	40.004	ng		99
74) Fluoranthene	12.37	202	1164291	41.369	ng		100
76) Benzidine	12.50	184	636722	37.356	ng		97
77) Pyrene	12.60	202	1188667	39.124	ng		99
79) Butylbenzylphthalate	13.23	149	526876	39.974	ng	#	85
80) Benzo(a)anthracene	13.79	228	906581	40.150	ng		99
81) 3,3'-Dichlorobenzidine	13.76	252	369690	42.130	ng	#	96
82) Chrysene	13.83	228	909760	39.859	ng		99
83) Bis(2-ethylhexyl)phthalate	13.79	149	697509	42.167	ng	#	100
84) Di-n-octyl phthalate	14.40	149	1174203	41.373	ng		100
85) Indeno(1,2,3-cd)pyrene	16.55	276	643923	40.212	ng		96
87) Benzo(b)fluoranthene	14.81	252	781941	39.075	ng		99
88) Benzo(k)fluoranthene	14.84	252	790414	42.309	ng	#	95
89) Benzo(a)pyrene	15.14	252	722092	40.503	ng		99
90) Dibenzo(a,h)anthracene	16.56	278	528083	40.720	ng		98
91) Benzo(g,h,i)perylene	16.94	276	520427	39.898	ng		95

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

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