Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
Data File : BF109092.D
Acq On : 18 Sep 2018 13:42
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 18 14:23:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	145289	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	585195	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	275476	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	529534	20.00	ng		0.00
75) Chrysene-d12	13.86	240	370378	20.00	ng		0.00
86) Perylene-d12	15.26	264	337238	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	701684	80.21	ng		0.00
7) Phenol-d6	6.36	99	906921	80.40	ng		0.00
23) Nitrobenzene-d5	7.28	82	831565	79.70	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	235694	78.84	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1425429	81.07	ng		0.00
78) Terphenyl-d14	12.81	244	1237374	79.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	164436	39.489	ng		93
3) Pyridine	3.10	79	462680	41.915	ng		89
4) n-Nitrosodimethylamine	3.03	42	171288	41.087	ng	#	92
6) Aniline	6.38	93	584218	40.071	ng		98
8) 2-Chlorophenol	6.51	128	394370	40.285	ng		97
9) Benzaldehyde	6.27	77	295075	40.960	ng		99
10) Phenol	6.37	94	506541	39.911	ng		84
11) bis(2-Chloroethyl)ether	6.46	93	399435	40.004	ng		98
12) 1,3-Dichlorobenzene	6.67	146	444461	39.700	ng		98
13) 1,4-Dichlorobenzene	6.74	146	452458	40.285	ng		97
14) 1,2-Dichlorobenzene	6.90	146	416494	40.000	ng		99
15) Benzyl Alcohol	6.87	79	349545	40.819	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	572882	40.044	ng		96
17) 2-Methylphenol	6.98	107	318713	39.905	ng		98
18) Hexachloroethane	7.24	117	165946	40.682	ng		98
19) n-Nitroso-di-n-propylamine	7.14	70	290919	39.019	ng		97
20) 3+4-Methylphenols	7.14	107	379280	39.430	ng	#	63
22) Acetophenone	7.14	105	510110	38.384	ng	#	92
24) Nitrobenzene	7.31	77	433209	40.272	ng		97
25) Isophorone	7.55	82	692045	38.587	ng		98
26) 2-Nitrophenol	7.62	139	201854	40.186	ng		95
27) 2,4-Dimethylphenol	7.67	122	307278	38.999	ng		97
28) bis(2-Chloroethoxy)methane	7.76	93	469799	38.926	ng		99
29) 2,4-Dichlorophenol	7.86	162	334446	39.833	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	352912	38.884	ng		97
31) Naphthalene	8.02	128	1063778	39.165	ng		99
32) Benzoic acid	7.78	122	167313	32.498	ng		97
33) 4-Chloroaniline	8.07	127	475016	39.334	ng		99
34) Hexachlorobutadiene	8.15	225	219407	39.598	ng		98
35) Caprolactam	8.45	113	105014	38.363	ng	#	84
36) 4-Chloro-3-methylphenol	8.56	107	342377	38.736	ng		97
37) 2-Methylnaphthalene	8.72	142	681364	38.484	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	344591	39.744	ng		98
40) Hexachlorocyclopentadiene	8.88	237	171049	39.156	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	236341	40.554	ng		99
43) 2,4,5-Trichlorophenol	9.03	196	249507	40.970	ng		97
45) 1,1'-Biphenyl	9.18	154	878884	39.878	ng		97
46) 2-Chloronaphthalene	9.20	162	700476	39.686	ng		98
47) 2-Nitroaniline	9.30	65	225683	41.592	ng		93
48) Acenaphthylene	9.62	152	1045624	39.292	ng		100
49) Dimethylphthalate	9.48	163	777629	39.495	ng		100
50) 2,6-Dinitrotoluene	9.54	165	176932	40.521	ng		92
51) Acenaphthene	9.79	154	656699	39.630	ng		98
52) 3-Nitroaniline	9.71	138	209040	40.657	ng		98
53) 2,4-Dinitrophenol	9.81	184	63207	37.561	ng	#	22
54) Dibenzofuran	9.96	168	938985	39.212	ng		99
55) 4-Nitrophenol	9.87	139	153209	40.444	ng		99
56) 2,4-Dinitrotoluene	9.94	165	231390	40.521	ng	#	94
57) Fluorene	10.30	166	650436	40.760	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	204632	40.580	ng		88
59) Diethylphthalate	10.18	149	777605	39.109	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	344365	40.301	ng		95
61) 4-Nitroaniline	10.32	138	197997	40.533	ng		97
62) Azobenzene	10.45	77	799728	39.294	ng		96
64) 4,6-Dinitro-2-methylphenol	10.35	198	96220	37.978	ng		86
65) n-Nitrosodiphenylamine	10.41	169	685267	39.562	ng		95
66) 4-Bromophenyl-phenylether	10.78	248	233038	39.036	ng	#	84
67) Hexachlorobenzene	10.85	284	250672	39.256	ng		94
68) Atrazine	10.94	200	218242	39.359	ng		96
69) Pentachlorophenol	11.04	266	170289	41.682	ng		98
70) Phenanthrene	11.25	178	1031671	39.744	ng		99
71) Anthracene	11.31	178	1044632	39.700	ng		100
72) Carbazole	11.46	167	1021824	39.229	ng		99
73) Di-n-butylphthalate	11.80	149	1194570	39.178	ng		100
74) Fluoranthene	12.44	202	1071397	39.097	ng		98
76) Benzidine	12.56	184	666250	50.817	ng		99
77) Pyrene	12.67	202	1106386	40.216	ng		99
79) Butylbenzylphthalate	13.29	149	495678	40.339	ng		99
80) Benzo(a)anthracene	13.85	228	877555	39.135	ng		100
81) 3,3'-Dichlorobenzidine	13.81	252	358279	39.594	ng		96
82) Chrysene	13.88	228	890118	39.675	ng		100
83) Bis(2-ethylhexyl)phthalate	13.85	149	585168	39.331	ng		100
84) Di-n-octyl phthalate	14.46	149	984006	38.997	ng		99
85) Indeno(1,2,3-cd)pyrene	16.61	276	663765	37.006	ng		95
87) Benzo(b)fluoranthene	14.86	252	774583	41.518	ng		98
88) Benzo(k)fluoranthene	14.89	252	673362	38.642	ng		98
89) Benzo(a)pyrene	15.20	252	669805	40.426	ng		99
90) Dibenzo(a,h)anthracene	16.62	278	550803	39.570	ng		96
91) Benzo(g,h,i)perylene	17.02	276	550778	39.577	ng	#	93

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

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