Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
Data File : BF111938.D
Acq On : 9 Jan 2019 9:16
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jan 09 10:14:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	161771	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	673535	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	330537	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	516261	20.00	ng		0.00
76) Chrysene-d12	14.06	240	408768	20.00	ng		0.00
87) Perylene-d12	15.54	264	310205	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	775915	82.06	ng		0.00
7) Phenol-d6	6.53	99	945332	77.57	ng		0.00
23) Nitrobenzene-d5	7.45	82	819346	65.02	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	274817	63.92	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1841429	81.24	ng		0.00
79) Terphenyl-d14	13.00	244	1694749	78.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	166380	40.241	ng		99
3) Pyridine	3.43	79	464937	43.385	ng		99
4) n-Nitrosodimethylamine	3.39	42	215559	40.429	ng		97
6) Aniline	6.55	93	582776	39.547	ng	#	71
8) 2-Chlorophenol	6.68	128	423547	40.339	ng		95
9) Benzaldehyde	6.43	77	275999	41.299	ng		97
10) Phenol	6.55	94	525653	39.684	ng		99
11) bis(2-Chloroethyl)ether	6.62	93	412590	40.263	ng		95
12) 1,3-Dichlorobenzene	6.83	146	458723	37.686	ng		99
13) 1,4-Dichlorobenzene	6.90	146	484447	39.220	ng		99
14) 1,2-Dichlorobenzene	7.06	146	441121	37.360	ng		98
15) Benzyl Alcohol	7.03	79	377121	39.109	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	630784	36.103	ng		93
17) 2-Methylphenol	7.15	107	312806	37.068	ng		98
18) Hexachloroethane	7.40	117	152167	35.284	ng		91
19) n-Nitroso-di-n-propylamine	7.30	70	306574	38.716	ng		97
20) 3+4-Methylphenols	7.30	107	413660	39.387	ng	#	88
22) Acetophenone	7.30	105	598661	35.108	ng	#	98
24) Nitrobenzene	7.47	77	411926	32.312	ng		98
25) Isophorone	7.71	82	733376	35.937	ng		99
26) 2-Nitrophenol	7.79	139	245963	39.185	ng		94
27) 2,4-Dimethylphenol	7.83	122	332434	36.628	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	482049	35.389	ng		100
29) 2,4-Dichlorophenol	8.03	162	357963	34.300	ng		97
30) 1,2,4-Trichlorobenzene	8.12	180	395161	34.323	ng		99
31) Naphthalene	8.19	128	1287985	40.283	ng		99
32) Benzoic acid	7.95	122	156215	26.524	ng		99
33) 4-Chloroaniline	8.24	127	567772	41.079	ng		98
34) Hexachlorobutadiene	8.31	225	283324	39.530	ng		99
35) Caprolactam	8.62	113	141747	41.571	ng		91
36) 4-Chloro-3-methylphenol	8.73	107	378587	36.485	ng		97
37) 2-Methylnaphthalene	8.89	142	840443	42.421	ng		99
38) 1-Methylnaphthalene	8.99	142	798482	42.020	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	451789	42.874	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	240716	39.508	ng		100
43) 2,4,6-Trichlorophenol	9.17	196	299354	41.883	ng		98
44) 2,4,5-Trichlorophenol	9.21	196	298095	39.807	ng		97
46) 1,1'-Biphenyl	9.35	154	1144897	41.408	ng		99
47) 2-Chloronaphthalene	9.37	162	863134	39.776	ng		98
48) 2-Nitroaniline	9.47	65	279795	42.174	ng		93
49) Acenaphthylene	9.79	152	1165860	36.341	ng		99
50) Dimethylphthalate	9.65	163	908189	36.576	ng		99
51) 2,6-Dinitrotoluene	9.71	165	205664	37.040	ng		97
52) Acenaphthene	9.96	154	829082	40.087	ng		99
53) 3-Nitroaniline	9.88	138	228943	38.502	ng		98
54) 2,4-Dinitrophenol	9.99	184	90213	38.370	ng		93
55) Dibenzofuran	10.13	168	1197517	39.813	ng		99
56) 4-Nitrophenol	10.05	139	167958	39.976	ng		95
57) 2,4-Dinitrotoluene	10.12	165	297971	41.531	ng		99
58) Fluorene	10.48	166	850807	38.874	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	251712	39.895	ng		98
60) Diethylphthalate	10.35	149	942938	39.241	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	463893	37.797	ng		95
62) 4-Nitroaniline	10.49	138	229900	40.762	ng		99
63) Azobenzene	10.63	77	757646	33.006	ng		98
65) 4,6-Dinitro-2-methylphenol	10.53	198	139115	43.672	ng		93
66) n-Nitrosodiphenylamine	10.59	169	684384	39.504	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	254063	37.995	ng		99
68) Hexachlorobenzene	11.03	284	284288	38.362	ng		100
69) Atrazine	11.11	200	238608	39.200	ng		98
70) Pentachlorophenol	11.23	266	146595	34.763	ng		96
71) Phenanthrene	11.44	178	1081819	39.194	ng		99
72) Anthracene	11.49	178	1084942	38.721	ng		99
73) Carbazole	11.64	167	1059196	38.862	ng		99
74) Di-n-butylphthalate	11.97	149	1224939	38.692	ng		100
75) Fluoranthene	12.63	202	1091970	38.537	ng		100
77) Benzidine	12.74	184	543521	44.499	ng		99
78) Pyrene	12.86	202	1122475	39.909	ng		98
80) Butylbenzylphthalate	13.47	149	489498	41.167	ng		99
81) Benzo(a)anthracene	14.05	228	946214	40.221	ng		98
82) 3,3'-Dichlorobenzidine	14.01	252	358683	41.299	ng	#	98
83) Chrysene	14.09	228	889829	39.670	ng		100
84) Bis(2-ethylhexyl)phthalate	14.03	149	648868	41.552	ng		100
85) Di-n-octyl phthalate	14.64	149	957971	42.867	ng		99
86) Indeno(1,2,3-cd)pyrene	17.04	276	714030	43.664	ng		99
88) Benzo(b)fluoranthene	15.10	252	741215	39.944	ng		99
89) Benzo(k)fluoranthene	15.14	252	663097	38.016	ng		100
90) Benzo(a)pyrene	15.48	252	655137	40.153	ng		99
91) Dibenzo(a,h)anthracene	17.06	278	602954	45.947	ng		98
92) Benzo(g,h,i)perylene	17.50	276	620437	48.338	ng		98

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

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