Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
Data File : BF111905.D
Acq On : 8 Jan 2019 14:22
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jan 08 17:53:44 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	199213	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	660823	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	336811	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	694759	20.00	ng		0.00
76) Chrysene-d12	14.05	240	541938	20.00	ng		0.00
87) Perylene-d12	15.52	264	363038	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	867520	74.50	ng		0.00
7) Phenol-d6	6.53	99	1152558	76.80	ng		0.00
23) Nitrobenzene-d5	7.45	82	1048017	84.76	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	330500	75.44	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1755084	75.99	ng		0.00
79) Terphenyl-d14	12.99	244	2165992	75.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	212746	41.784	ng		99
3) Pyridine	3.44	79	563143	42.673	ng		99
4) n-Nitrosodimethylamine	3.40	42	279733	42.604	ng		98
6) Aniline	6.55	93	713416	39.313	ng	#	72
8) 2-Chlorophenol	6.68	128	512483	39.636	ng		93
9) Benzaldehyde	6.43	77	326230	38.559	ng		98
10) Phenol	6.55	94	643032	39.421	ng		97
11) bis(2-Chloroethyl)ether	6.62	93	489704	38.806	ng		96
12) 1,3-Dichlorobenzene	6.83	146	596851	39.818	ng		99
13) 1,4-Dichlorobenzene	6.90	146	579030	38.067	ng		100
14) 1,2-Dichlorobenzene	7.06	146	543654	37.390	ng		100
15) Benzyl Alcohol	7.03	79	454010	38.233	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	817360	37.989	ng		94
17) 2-Methylphenol	7.15	107	405936	39.063	ng		98
18) Hexachloroethane	7.40	117	208262	39.215	ng		98
19) n-Nitroso-di-n-propylamine	7.30	70	364437	37.373	ng		98
20) 3+4-Methylphenols	7.30	107	496772	38.410	ng		94
22) Acetophenone	7.29	105	720338	43.057	ng		98
24) Nitrobenzene	7.47	77	515016	41.176	ng		99
25) Isophorone	7.70	82	744952	37.207	ng		99
26) 2-Nitrophenol	7.78	139	243380	39.519	ng		95
27) 2,4-Dimethylphenol	7.83	122	337045	37.851	ng		100
28) bis(2-Chloroethoxy)methane	7.92	93	499216	37.354	ng		98
29) 2,4-Dichlorophenol	8.03	162	392109	38.294	ng		96
30) 1,2,4-Trichlorobenzene	8.11	180	430841	38.142	ng		99
31) Naphthalene	8.19	128	1206651	38.466	ng		100
32) Benzoic acid	7.96	122	213193	36.894	ng		98
33) 4-Chloroaniline	8.24	127	522095	38.501	ng		98
34) Hexachlorobutadiene	8.31	225	270621	38.484	ng		98
35) Caprolactam	8.62	113	127087	37.988	ng		97
36) 4-Chloro-3-methylphenol	8.73	107	394832	38.783	ng		98
37) 2-Methylnaphthalene	8.88	142	791004	40.694	ng		99
38) 1-Methylnaphthalene	8.98	142	763181	40.935	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	421361	39.241	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	252073	40.601 ng	99
43) 2,4,6-Trichlorophenol	9.16	196	285888	39.254 ng	99
44) 2,4,5-Trichlorophenol	9.21	196	296867	38.905 ng	98
46) 1,1'-Biphenyl	9.35	154	1074128	38.125 ng	100
47) 2-Chloronaphthalene	9.37	162	852317	38.546 ng	99
48) 2-Nitroaniline	9.46	65	266139	39.368 ng	99
49) Acenaphthylene	9.79	152	1248207	38.183 ng	100
50) Dimethylphthalate	9.65	163	935903	36.990 ng	99
51) 2,6-Dinitrotoluene	9.70	165	210782	37.254 ng	96
52) Acenaphthene	9.96	154	800428	37.981 ng	98
53) 3-Nitroaniline	9.87	138	235960	38.943 ng	98
54) 2,4-Dinitrophenol	9.98	184	100215	41.830 ng	94
55) Dibenzofuran	10.13	168	1161384	37.893 ng	99
56) 4-Nitrophenol	10.05	139	171020	39.946 ng	96
57) 2,4-Dinitrotoluene	10.11	165	291984	39.938 ng	98
58) Fluorene	10.47	166	927085	41.570 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	249279	38.773 ng	100
60) Diethylphthalate	10.34	149	901162	36.804 ng	100
61) 4-Chlorophenyl-phenylether	10.46	204	498233	39.839 ng	98
62) 4-Nitroaniline	10.49	138	247451	43.057 ng	98
63) Azobenzene	10.62	77	879189	37.587 ng	99
65) 4,6-Dinitro-2-methylphenol	10.52	198	153179	35.732 ng	98
66) n-Nitrosodiphenylamine	10.58	169	796641	34.169 ng	100
67) 4-Bromophenyl-phenylether	10.95	248	298558	33.178 ng	99
68) Hexachlorobenzene	11.03	284	330011	33.091 ng	98
69) Atrazine	11.11	200	272058	33.212 ng	99
70) Pentachlorophenol	11.22	266	232427	40.956 ng	99
71) Phenanthrene	11.43	178	1370652	36.900 ng	100
72) Anthracene	11.49	178	1384884	36.727 ng	99
73) Carbazole	11.64	167	1328817	36.229 ng	100
74) Di-n-butylphthalate	11.96	149	1569533	36.840 ng	100
75) Fluoranthene	12.62	202	1367724	35.867 ng	98
77) Benzidine	12.74	184	575416	35.534 ng	97
78) Pyrene	12.85	202	1470348	39.431 ng	100
80) Butylbenzylphthalate	13.46	149	602025	38.189 ng	98
81) Benzo(a)anthracene	14.04	228	1213147	38.896 ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	449966	39.078 ng	100
83) Chrysene	14.07	228	1137540	38.252 ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	823683	39.785 ng	100
85) Di-n-octyl phthalate	14.63	149	1055687	35.631 ng	99
86) Indeno(1,2,3-cd)pyrene	17.02	276	732214	33.773 ng	99
88) Benzo(b)fluoranthene	15.09	252	801384	36.902 ng	99
89) Benzo(k)fluoranthene	15.12	252	818741	40.108 ng	99
90) Benzo(a)pyrene	15.46	252	733990	38.439 ng	100
91) Dibenzo(a,h)anthracene	17.03	278	609243	39.670 ng	98
92) Benzo(g,h,i)perylene	17.46	276	606965	40.407 ng	98

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

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