Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060419\
Data File : BF114791.D
Acq On : 4 Jun 2019 12:50
Operator : HP/JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Quant Time: Jun 04 13:26:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 13:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	388057	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1557381	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	765660	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1435701	20.00	ng	0.00
76) Chrysene-d12	13.79	240	823186	20.00	ng	0.00
87) Perylene-d12	15.17	264	1099983	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	2141267	104.34	ng	0.00
7) Phenol-d6	6.31	99	2589595	104.30	ng	0.00
23) Nitrobenzene-d5	7.23	82	2470232	101.24	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	807824	104.26	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	4199779	98.85	ng	0.00
79) Terphenyl-d14	12.75	244	3950437	89.06	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.29	88	517348	52.052	ng	100
3) Pyridine	2.96	79	1391867	50.102	ng	99
4) n-Nitrosodimethylamine	2.92	42	524024	50.495	ng	93
6) Aniline	6.33	93	1846824	49.992	ng	95
8) 2-Chlorophenol	6.45	128	1244876	50.265	ng	98
9) Benzaldehyde	6.21	77	908891	61.051	ng	100
10) Phenol	6.32	94	1469760	49.865	ng	98
11) bis(2-Chloroethyl)ether	6.41	93	1164425	50.159	ng	99
12) 1,3-Dichlorobenzene	6.61	146	1443429	50.400	ng	99
13) 1,4-Dichlorobenzene	6.69	146	1461251	50.650	ng	99
14) 1,2-Dichlorobenzene	6.84	146	1335835	51.289	ng	99
15) Benzyl Alcohol	6.82	79	1006642	51.252	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1677603	50.019	ng	100
17) 2-Methylphenol	6.93	107	1062583	50.430	ng	99
18) Hexachloroethane	7.18	117	550794	50.691	ng	99
19) n-Nitroso-di-n-propylamine	7.10	70	855751	49.650	ng	98
20) 3+4-Methylphenols	7.09	107	1142694	49.050	ng	95
22) Acetophenone	7.08	105	1642355	49.786	ng	100
24) Nitrobenzene	7.25	77	1288171	50.865	ng	100
25) Isophorone	7.50	82	2382555	48.970	ng	100
26) 2-Nitrophenol	7.57	139	708033	51.664	ng	99
27) 2,4-Dimethylphenol	7.61	122	1055979	50.292	ng	100
28) bis(2-Chloroethoxy)methane	7.71	93	1548454	49.561	ng	99
29) 2,4-Dichlorophenol	7.81	162	1116516	50.460	ng	99
30) 1,2,4-Trichlorobenzene	7.89	180	1271675	50.271	ng	100
31) Naphthalene	7.97	128	3350645	49.489	ng	99
32) Benzoic acid	7.75	122	729877	48.777	ng	99
33) 4-Chloroaniline	8.02	127	1625428	49.426	ng	99
34) Hexachlorobutadiene	8.10	225	724557	50.312	ng	99
35) Caprolactam	8.40	113	351179	49.338	ng	95
36) 4-Chloro-3-methylphenol	8.50	107	1107975	50.699	ng	98
37) 2-Methylnaphthalene	8.66	142	2340677	49.643	ng	100
38) 1-Methylnaphthalene	8.76	142	2255826	50.480	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	1093849	51.304	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	671260	50.514 ng	99
43) 2,4,6-Trichlorophenol	8.94	196	828624	49.782 ng	99
44) 2,4,5-Trichlorophenol	8.97	196	856871	51.878 ng	100
46) 1,1'-Biphenyl	9.13	154	2738936	50.062 ng	99
47) 2-Chloronaphthalene	9.15	162	2355823	50.900 ng	99
48) 2-Nitroaniline	9.24	65	707802	50.746 ng	99
49) Acenaphthylene	9.56	152	3400657	50.338 ng	99
50) Dimethylphthalate	9.43	163	2677324	49.277 ng	99
51) 2,6-Dinitrotoluene	9.49	165	640294	50.798 ng	96
52) Acenaphthene	9.73	154	2214987	50.437 ng	100
53) 3-Nitroaniline	9.65	138	745378	49.637 ng	97
54) 2,4-Dinitrophenol	9.75	184	307068	51.598 ng	99
55) Dibenzofuran	9.90	168	2983384	50.695 ng	100
56) 4-Nitrophenol	9.81	139	562125	51.776 ng	92
57) 2,4-Dinitrotoluene	9.89	165	830540	52.053 ng	96
58) Fluorene	10.25	166	2082322	49.328 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.02	232	693935	51.482 ng	99
60) Diethylphthalate	10.13	149	2745558	50.501 ng	99
61) 4-Chlorophenyl-phenylether	10.24	204	1071804	49.273 ng	99
62) 4-Nitroaniline	10.26	138	730056	50.279 ng	99
63) Azobenzene	10.40	77	2337617	50.116 ng	99
65) 4,6-Dinitro-2-methylphenol	10.29	198	378972	51.029 ng	98
66) n-Nitrosodiphenylamine	10.36	169	2122760	50.321 ng	99
67) 4-Bromophenyl-phenylether	10.72	248	805832	50.815 ng	99
68) Hexachlorobenzene	10.79	284	872719	50.331 ng	100
69) Atrazine	10.89	200	735885	58.749 ng	98
70) Pentachlorophenol	10.98	266	521964	52.749 ng	99
71) Phenanthrene	11.20	178	3314585	49.739 ng	99
72) Anthracene	11.25	178	3385885	50.642 ng	100
73) Carbazole	11.40	167	3024977	49.990 ng	100
74) Di-n-butylphthalate	11.74	149	3764065	48.794 ng	99
75) Fluoranthene	12.37	202	3352509	50.035 ng	99
77) Benzidine	12.50	184	2080044	63.913 ng	99
78) Pyrene	12.60	202	3372129	49.084 ng	100
80) Butylbenzylphthalate	13.23	149	1763657	49.934 ng	99
81) Benzo(a)anthracene	13.78	228	3074664	50.038 ng	99
82) 3,3'-Dichlorobenzidine	13.75	252	1263570	51.846 ng	97
83) Chrysene	13.82	228	2963141	50.002 ng	99
84) Bis(2-ethylhexyl)phthalate	13.79	149	2217423	50.100 ng	99
85) Di-n-octyl phthalate	14.41	149	3798693	50.528 ng	100
86) Indeno(1,2,3-cd)pyrene	16.49	276	3528582	50.659 ng	100
88) Benzo(b)fluoranthene	14.80	252	3321580	49.736 ng	100
89) Benzo(k)fluoranthene	14.83	252	2785461	49.778 ng	98
90) Benzo(a)pyrene	15.13	252	2961566	50.382 ng	99
91) Dibenzo(a,h)anthracene	16.51	278	2825281	50.637 ng	100
92) Benzo(g,h,i)perylene	16.89	276	2898275	51.372 ng	98

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

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