Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111870.D
Acq On : 7 Jan 2019 11:22
Operator : JU/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC025

Quant Time: Jan 07 12:24:19 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 12:19:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	179648	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	609024	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	328832	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	557292	20.00	ng		0.00
76) Chrysene-d12	14.06	240	526450	20.00	ng		0.00
87) Perylene-d12	15.53	264	394471	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	569416	54.03	ng		0.00
7) Phenol-d6	6.53	99	739002	55.10	ng		0.00
23) Nitrobenzene-d5	7.45	82	626294	59.86	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	235409	60.59	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1186747	52.60	ng		0.00
79) Terphenyl-d14	13.00	244	1412007	50.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	117302	23.656	ng		99
3) Pyridine	3.44	79	314760	24.365	ng		100
4) n-Nitrosodimethylamine	3.37	42	154438	24.427	ng		99
6) Aniline	6.55	93	458377	26.810	ng	#	64
8) 2-Chlorophenol	6.68	128	333023	28.524	ng		95
9) Benzaldehyde	6.43	77	232686	25.224	ng		97
10) Phenol	6.54	94	405153	26.771	ng		90
11) bis(2-Chloroethyl)ether	6.62	93	320483	28.260	ng		96
12) 1,3-Dichlorobenzene	6.83	146	376701	27.842	ng		99
13) 1,4-Dichlorobenzene	6.91	146	366824	26.733	ng		98
14) 1,2-Dichlorobenzene	7.06	146	369299	28.846	ng		97
15) Benzyl Alcohol	7.03	79	302721	28.418	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	546080	26.145	ng		91
17) 2-Methylphenol	7.15	107	264524	28.296	ng		97
18) Hexachloroethane	7.40	117	117791	25.474	ng		96
19) n-Nitroso-di-n-propylamine	7.30	70	218948	24.579	ng		99
20) 3+4-Methylphenols	7.30	107	299553	25.359	ng	#	89
22) Acetophenone	7.29	105	429780	27.855	ng		99
24) Nitrobenzene	7.47	77	319131	29.102	ng		99
25) Isophorone	7.70	82	495266	26.663	ng		100
26) 2-Nitrophenol	7.79	139	155984	35.072	ng		98
27) 2,4-Dimethylphenol	7.83	122	226223	25.803	ng		98
28) bis(2-Chloroethoxy)methane	7.92	93	332895	26.932	ng		98
29) 2,4-Dichlorophenol	8.03	162	254659	27.005	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	277318	26.390	ng		99
31) Naphthalene	8.20	128	748206	25.569	ng		99
32) Benzoic acid	7.93	122	148559	25.628	ng		95
33) 4-Chloroaniline	8.24	127	325332	25.722	ng		96
34) Hexachlorobutadiene	8.32	225	167371	26.133	ng		97
35) Caprolactam	8.60	113	71975	22.525	ng		95
36) 4-Chloro-3-methylphenol	8.73	107	203482	21.952	ng		97
37) 2-Methylnaphthalene	8.89	142	405768	21.313	ng		99
38) 1-Methylnaphthalene	8.99	142	399026	21.823	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	228972	21.191	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	129074	24.616 ng		98
43) 2,4,6-Trichlorophenol	9.16	196	183196	25.394 ng		99
44) 2,4,5-Trichlorophenol	9.21	196	192576	26.020 ng		98
46) 1,1'-Biphenyl	9.35	154	696699	25.099 ng		99
47) 2-Chloronaphthalene	9.37	162	536006	24.372 ng		99
48) 2-Nitroaniline	9.47	65	165784	28.976 ng		91
49) Acenaphthylene	9.79	152	834030	25.974 ng		99
50) Dimethylphthalate	9.65	163	624581	25.974 ng		98
51) 2,6-Dinitrotoluene	9.70	165	145244	30.292 ng		95
52) Acenaphthene	9.96	154	534613	26.994 ng		99
53) 3-Nitroaniline	9.87	138	153356	29.989 ng		99
54) 2,4-Dinitrophenol	9.98	184	56462	43.637 ng		90
55) Dibenzofuran	10.13	168	767194	25.641 ng		98
56) 4-Nitrophenol	10.05	139	107714	27.601 ng		98
57) 2,4-Dinitrotoluene	10.11	165	183275	31.803 ng		99
58) Fluorene	10.47	166	524967	24.349 ng		98
59) 2,3,4,6-Tetrachlorophenol	10.26	232	161994	26.009 ng		99
60) Diethylphthalate	10.35	149	604590	25.631 ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	304357	25.551 ng		97
62) 4-Nitroaniline	10.49	138	134479	27.057 ng		96
63) Azobenzene	10.63	77	517835	21.867 ng		98
65) 4,6-Dinitro-2-methylphenol	10.52	198	93295	44.814 ng		98
66) n-Nitrosodiphenylamine	10.59	169	489210	26.151 ng		100
67) 4-Bromophenyl-phenylether	10.96	248	211475	30.594 ng		97
68) Hexachlorobenzene	11.03	284	231524	30.041 ng	#	93
69) Atrazine	11.11	200	191043	29.396 ng		100
70) Pentachlorophenol	11.22	266	124174	26.062 ng		98
71) Phenanthrene	11.44	178	827005	27.982 ng		99
72) Anthracene	11.49	178	859527	28.974 ng		98
73) Carbazole	11.65	167	841836	29.229 ng		98
74) Di-n-butylphthalate	11.97	149	970649	30.058 ng		99
75) Fluoranthene	12.63	202	887133	29.641 ng		99
77) Benzidine	12.74	184	404136	20.401 ng		98
78) Pyrene	12.86	202	918103	24.696 ng		99
80) Butylbenzylphthalate	13.47	149	390268	25.753 ng		98
81) Benzo(a)anthracene	14.04	228	773036	25.730 ng		100
82) 3,3'-Dichlorobenzidine	14.00	252	307638	25.916 ng		98
83) Chrysene	14.08	228	746732	25.288 ng		99
84) Bis(2-ethylhexyl)phthalate	14.03	149	518315	27.153 ng		99
85) Di-n-octyl phthalate	14.64	149	749056	25.328 ng		99
86) Indeno(1,2,3-cd)pyrene	17.03	276	500119	19.923 ng		99
88) Benzo(b)fluoranthene	15.10	252	639089	27.721 ng		100
89) Benzo(k)fluoranthene	15.13	252	554011	25.241 ng		100
90) Benzo(a)pyrene	15.47	252	534505	25.519 ng		99
91) Dibenzo(a,h)anthracene	17.04	278	417780	22.778 ng		99
92) Benzo(g,h,i)perylene	17.47	276	410214	22.905 ng		99

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

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