Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081920\
Data File : BF121325.D
Acq On : 19 Aug 2020 18:27
Operator : JU/CG
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC005

Quant Time: Aug 20 05:11:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 02:55:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	161264	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	617389	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	330142	20.00	ng		0.00
64) Phenanthrene-d10	11.20	188	638999	20.00	ng		0.00
76) Chrysene-d12	13.84	240	534142	20.00	ng		0.00
86) Perylene-d12	15.25	264	537583	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	126340	12.82	ng		0.00
7) Phenol-d6	6.33	99	164336	13.07	ng		-0.01
23) Nitrobenzene-d5	7.25	82	133609	12.25	ng		-0.01
42) 2,4,6-Tribromophenol	10.51	330	47568	12.11	ng		0.00
45) 2-Fluorobiphenyl	9.05	172	295464	14.47	ng		0.00
79) Terphenyl-d14	12.79	244	357141	13.99	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	25256	5.696	ng		98
3) Pyridine	3.05	79	65846	5.495	ng		93
4) n-Nitrosodimethylamine	2.97	42	28053	5.752	ng	#	95
6) Aniline	6.35	93	93655	6.434	ng		89
8) 2-Chlorophenol	6.47	128	64051	6.202	ng		98
10) Phenol	6.34	94	83466	6.559	ng		82
11) bis(2-Chloroethyl)ether	6.43	93	63484	6.242	ng		95
12) 1,3-Dichlorobenzene	6.63	146	72680	6.264	ng		98
13) 1,4-Dichlorobenzene	6.71	146	74670	6.416	ng		99
14) 1,2-Dichlorobenzene	6.86	146	70508	6.638	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	96974	6.411	ng		99
17) 2-Methylphenol	6.95	107	53638	6.323	ng		94
18) Hexachloroethane	7.20	117	26925	6.174	ng		91
19) n-Nitroso-di-n-propylamine	7.10	70	44633	6.442	ng		96
22) Acetophenone	7.10	105	96387	6.681	ng	#	96
24) Nitrobenzene	7.27	77	67393	6.080	ng		97
25) Isophorone	7.51	82	120260	5.996	ng		98
26) 2-Nitrophenol	7.59	139	31301	5.444	ng		96
27) 2,4-Dimethylphenol	7.63	122	48619	5.949	ng		98
28) bis(2-Chloroethoxy)methane	7.73	93	83920	6.175	ng		100
29) 2,4-Dichlorophenol	7.84	162	54378	6.141	ng		97
30) 1,2,4-Trichlorobenzene	7.92	180	64410	6.369	ng		100
31) Naphthalene	7.99	128	198234	6.511	ng		99
33) 4-Chloroaniline	8.05	127	82273	6.050	ng		100
34) Hexachlorobutadiene	8.12	225	38279	6.354	ng		99
35) Caprolactam	8.38	113	16526	5.561	ng		99
36) 4-Chloro-3-methylphenol	8.53	107	54075	5.931	ng		100
37) 2-Methylnaphthalene	8.69	142	128766	6.404	ng		100
38) 1-Methylnaphthalene	8.79	142	122812	6.459	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	61089	6.282	ng		99
43) 2,4,6-Trichlorophenol	8.97	196	38549	5.749	ng		99
44) 2,4,5-Trichlorophenol	9.01	196	39593	5.745	ng		98
46) 1,1'-Biphenyl	9.15	154	160588	6.505	ng		99
47) 2-Chloronaphthalene	9.17	162	130448	6.456	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
48) 2-Nitroaniline	9.27	65	36971	5.756 ng	96
49) Acenaphthylene	9.59	152	196205	6.503 ng	99
50) Dimethylphthalate	9.45	163	149060	6.100 ng	100
51) 2,6-Dinitrotoluene	9.51	165	29765	5.726 ng	88
52) Acenaphthene	9.76	154	120047	6.546 ng	98
53) 3-Nitroaniline	9.68	138	36949	5.765 ng	99
54) 2,4-Dinitrophenol	9.80	184	8543	3.440 ng	95
55) Dibenzofuran	9.93	168	185257	6.884 ng	99
56) 4-Nitrophenol	9.86	139	19452	4.917 ng	96
57) 2,4-Dinitrotoluene	9.92	165	39294	6.224 ng	95
58) Fluorene	10.27	166	143268	7.017 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.05	232	34721	5.868 ng	99
60) Diethylphthalate	10.15	149	151162	6.283 ng	98
61) 4-Chlorophenyl-phenylether	10.26	204	73345	7.093 ng	100
62) 4-Nitroaniline	10.29	138	38481	5.860 ng	98
63) Azobenzene	10.42	77	139557	6.306 ng	97
65) 4,6-Dinitro-2-methylphenol	10.33	198	14897	4.302 ng	95
66) n-Nitrosodiphenylamine	10.38	169	125036	6.361 ng	99
67) 4-Bromophenyl-phenylether	10.75	248	43882	6.141 ng	97
68) Hexachlorobenzene	10.82	284	52502	6.448 ng	97
69) Atrazine	10.91	200	37872	6.116 ng	98
70) Pentachlorophenol	11.02	266	15811	4.250 ng	94
71) Phenanthrene	11.23	178	210731	6.637 ng	100
72) Anthracene	11.28	178	208820	6.601 ng	98
73) Carbazole	11.44	167	195865	6.476 ng	98
74) Di-n-butylphthalate	11.77	149	239699	6.258 ng	98
75) Fluoranthene	12.42	202	230315	6.567 ng	99
77) Benzidine	12.54	184	87855	7.059 ng	98
78) Pyrene	12.64	202	239683	6.135 ng	98
80) Butylbenzylphthalate	13.27	149	95448	5.290 ng	97
81) Benzo(a)anthracene	13.83	228	212429	6.790 ng	100
82) 3,3'-Dichlorobenzidine	13.79	252	77960	6.021 ng	98
83) Chrysene	13.87	228	210486	6.226 ng	98
84) Bis(2-ethylhexyl)phthalate	13.83	149	132787	6.139 ng	99
85) Di-n-octyl phthalate	14.44	149	222354	5.387 ng	99
87) Indeno(1,2,3-cd)pyrene	16.59	276	202409	6.113 ng	100
88) Benzo(b)fluoranthene	14.84	252	210958	6.164 ng	99
89) Benzo(k)fluoranthene	14.87	252	183443	5.930 ng	98
90) Benzo(a)pyrene	15.19	252	180554	6.038 ng	98
91) Dibenzo(a,h)anthracene	16.60	278	168568	6.207 ng	98
92) Benzo(g,h,i)perylene	17.00	276	161546	6.122 ng	99

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

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