Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101220\
Data File : BF121914.D
Acq On : 12 Oct 2020 10:57
Operator : JU/CG
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC005

Quant Time: Oct 12 13:31:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 13:28:48 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.745	152	116430	20.00	ng		0.00
21) Naphthalene-d8	8.033	136	453414	20.00	ng		0.00
39) Acenaphthene-d10	9.786	164	238473	20.00	ng		0.00
64) Phenanthrene-d10	11.269	188	447275	20.00	ng		0.00
76) Chrysene-d12	13.915	240	376496	20.00	ng		0.00
86) Perylene-d12	15.351	264	353979	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	82311	10.51	ng		0.00
7) Phenol-d6	6.387	99	110450	10.75	ng		-0.01
23) Nitrobenzene-d5	7.310	82	87844	10.40	ng		-0.01
42) 2,4,6-Tribromophenol	10.574	330	27152	9.16	ng		0.00
45) 2-Fluorobiphenyl	9.104	172	181990	11.56	ng		0.00
79) Terphenyl-d14	12.851	244	207488	11.16	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.440	88	17148	4.76	ng		95
3) Pyridine	3.204	79	37333	3.75	ng		97
4) n-Nitrosodimethylamine	3.116	42	20695	4.48	ng	#	96
6) Aniline	6.404	93	66491	4.97	ng	#	66
8) 2-Chlorophenol	6.534	128	41715	5.23	ng		96
9) Benzaldehyde	6.298	77	36580	5.44	ng		96
10) Phenol	6.404	94	57113	5.22	ng	#	53
11) bis(2-Chloroethyl)ether	6.481	93	41007	4.97	ng		99
12) 1,3-Dichlorobenzene	6.686	146	47464	5.33	ng		97
13) 1,4-Dichlorobenzene	6.763	146	47698	5.34	ng		98
14) 1,2-Dichlorobenzene	6.916	146	45096	5.48	ng		100
15) Benzyl Alcohol	6.898	79	34520	4.94	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.022	45	67416	5.08	ng		81
17) 2-Methylphenol	7.010	107	35752	5.27	ng		98
18) Hexachloroethane	7.257	117	16564	5.17	ng		94
19) n-Nitroso-di-n-propyla...	7.157	70	31545	5.33	ng		99
20) 3+4-Methylphenols	7.169	107	46854	5.75	ng	#	66
22) Acetophenone	7.157	105	61874	5.38	ng	#	88
24) Nitrobenzene	7.328	77	46895	5.13	ng		98
25) Isophorone	7.569	82	83401	4.91	ng		99
26) 2-Nitrophenol	7.651	139	19169	4.90	ng		95
27) 2,4-Dimethylphenol	7.692	122	37148	4.90	ng		98
28) bis(2-Chloroethoxy)met...	7.781	93	52536	4.99	ng		99
29) 2,4-Dichlorophenol	7.904	162	34277	4.96	ng		98
30) 1,2,4-Trichlorobenzene	7.975	180	37453	5.15	ng		99
31) Naphthalene	8.051	128	127466	5.33	ng		98
33) 4-Chloroaniline	8.110	127	52973	5.11	ng		97
34) Hexachlorobutadiene	8.169	225	21533	5.04	ng		98
35) Caprolactam	8.445	113	10170	4.42	ng		90
36) 4-Chloro-3-methylphenol	8.598	107	36837	4.95	ng		95
37) 2-Methylnaphthalene	8.745	142	83452	5.32	ng		98
38) 1-Methylnaphthalene	8.839	142	78579	5.38	ng		100
40) 1,2,4,5-Tetrachloroben...	8.910	216	38428	5.16	ng		99
43) 2,4,6-Trichlorophenol	9.028	196	22543	4.44	ng		97
44) 2,4,5-Trichlorophenol	9.080	196	23770	4.43	ng		96
46) 1,1'-Biphenyl	9.204	154	103313	5.41	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	9.233	162	78180	5.20	ng		96
48) 2-Nitroaniline	9.333	65	22464	4.81	ng		98
49) Acenaphthylene	9.645	152	123398	5.34	ng		98
50) Dimethylphthalate	9.504	163	87485	5.06	ng		100
51) 2,6-Dinitrotoluene	9.575	165	18264	4.96	ng		87
52) Acenaphthene	9.816	154	73645	5.04	ng		98
53) 3-Nitroaniline	9.745	138	20747	4.87	ng		95
55) Dibenzofuran	9.992	168	110145	5.36	ng		98
57) 2,4-Dinitrotoluene	9.980	165	22860	4.94	ng		89
58) Fluorene	10.333	166	89866	5.72	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.116	232	16636	3.81	ng	#	97
60) Diethylphthalate	10.204	149	87290	5.18	ng		97
61) 4-Chlorophenyl-phenyle...	10.322	204	41462	5.50	ng		94
62) 4-Nitroaniline	10.351	138	20826	4.92	ng		94
63) Azobenzene	10.486	77	91428	5.09	ng		96
65) 4,6-Dinitro-2-methylph...	10.398	198	7351	3.01	ng		89
66) n-Nitrosodiphenylamine	10.439	169	80645	5.26	ng		98
67) 4-Bromophenyl-phenylether	10.816	248	25594	5.03	ng		98
68) Hexachlorobenzene	10.880	284	28877	5.02	ng		98
69) Atrazine	10.969	200	18173	4.77	ng		97
71) Phenanthrene	11.292	178	129991	5.33	ng		99
72) Anthracene	11.345	178	134027	5.33	ng		97
73) Carbazole	11.504	167	118212	5.21	ng		98
74) Di-n-butylphthalate	11.833	149	133787	5.11	ng		99
75) Fluoranthene	12.486	202	139102	5.35	ng		95
77) Benzidine	12.610	184	62054	4.97	ng		98
78) Pyrene	12.710	202	141374	5.14	ng		97
80) Butylbenzylphthalate	13.327	149	52311	4.70	ng		96
81) Benzo(a)anthracene	13.904	228	124541	5.23	ng		98
82) 3,3'-Dichlorobenzidine	13.863	252	45729	4.92	ng		99
83) Chrysene	13.939	228	123144	5.11	ng		98
84) Bis(2-ethylhexyl)phtha...	13.892	149	75394	5.07	ng		99
85) Di-n-octyl phthalate	14.504	149	121041	4.61	ng		99
87) Indeno(1,2,3-cd)pyrene	16.768	276	115336	5.00	ng		99
88) Benzo(b)fluoranthene	14.939	252	117175	4.95	ng		98
89) Benzo(k)fluoranthene	14.962	252	110906	5.12	ng		97
90) Benzo(a)pyrene	15.292	252	101551	5.05	ng		99
91) Dibenzo(a,h)anthracene	16.774	278	95057	4.95	ng		98
92) Benzo(g,h,i)perylene	17.192	276	90322	4.79	ng		98

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

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