Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
Data File : BF115527.D
Acq On : 12 Jul 2019 15:39
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 12 16:43:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	209901	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	865448	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	422335	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	794854	20.00	ng		0.00
76) Chrysene-d12	14.05	240	511411	20.00	ng		0.00
87) Perylene-d12	15.52	264	461498	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	987624	76.96	ng		0.00
7) Phenol-d6	6.52	99	1265988	77.75	ng		0.00
23) Nitrobenzene-d5	7.45	82	1160432	77.97	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	387917	78.69	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	2002653	83.00	ng		0.00
79) Terphenyl-d14	12.99	244	2061804	74.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	246237	38.468	ng		99
3) Pyridine	3.46	79	665863	38.341	ng		100
4) n-Nitrosodimethylamine	3.41	42	244982	38.885	ng		100
6) Aniline	6.55	93	896404	39.559	ng		98
8) 2-Chlorophenol	6.67	128	580648	39.356	ng		96
9) Benzaldehyde	6.43	77	377057	37.056	ng		98
10) Phenol	6.53	94	743627	39.341	ng		85
11) bis(2-Chloroethyl)ether	6.62	93	558174	38.786	ng		99
12) 1,3-Dichlorobenzene	6.83	146	642532	38.735	ng		99
13) 1,4-Dichlorobenzene	6.90	146	645684	39.013	ng		97
14) 1,2-Dichlorobenzene	7.06	146	596555	39.430	ng		99
15) Benzyl Alcohol	7.03	79	515205	39.886	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	744505	39.295	ng		97
17) 2-Methylphenol	7.13	107	497677	39.142	ng		99
18) Hexachloroethane	7.40	117	237007	38.581	ng		98
19) n-Nitroso-di-n-propylamine	7.30	70	410344	38.641	ng		100
20) 3+4-Methylphenols	7.29	107	577380	38.231	ng	#	88
22) Acetophenone	7.30	105	764300	39.091	ng	#	90
24) Nitrobenzene	7.47	77	629119	39.189	ng		100
25) Isophorone	7.71	82	1145085	38.448	ng		100
26) 2-Nitrophenol	7.78	139	327503	39.635	ng		99
27) 2,4-Dimethylphenol	7.82	122	489182	39.567	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	715530	39.162	ng		99
29) 2,4-Dichlorophenol	8.02	162	510061	39.669	ng		99
30) 1,2,4-Trichlorobenzene	8.11	180	574410	39.521	ng		99
31) Naphthalene	8.19	128	1648130	39.322	ng		98
32) Benzoic acid	7.95	122	343151	33.820	ng		99
33) 4-Chloroaniline	8.23	127	728403	39.234	ng		99
34) Hexachlorobutadiene	8.31	225	330578	39.662	ng		99
35) Caprolactam	8.62	113	156329	39.345	ng		95
36) 4-Chloro-3-methylphenol	8.72	107	522271	39.158	ng		100
37) 2-Methylnaphthalene	8.88	142	1090511	39.250	ng		98
38) 1-Methylnaphthalene	8.98	142	1029989	39.030	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	503647	39.601	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	279699	38.553	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	369136	39.690	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	372757	39.135	ng		98
46) 1,1'-Biphenyl	9.35	154	1296848	39.277	ng		99
47) 2-Chloronaphthalene	9.37	162	1085168	39.472	ng		97
48) 2-Nitroaniline	9.46	65	330606	38.853	ng		98
49) Acenaphthylene	9.79	152	1601306	39.309	ng		99
50) Dimethylphthalate	9.65	163	1227805	38.640	ng		99
51) 2,6-Dinitrotoluene	9.70	165	287082	39.756	ng		99
52) Acenaphthene	9.96	154	1031733	39.229	ng		99
53) 3-Nitroaniline	9.87	138	322652	39.100	ng		99
54) 2,4-Dinitrophenol	9.97	184	148017	39.924	ng		96
55) Dibenzofuran	10.13	168	1423152	38.103	ng		100
56) 4-Nitrophenol	10.03	139	249539	39.656	ng		95
57) 2,4-Dinitrotoluene	10.11	165	377619	40.364	ng	#	88
58) Fluorene	10.47	166	1033976	38.725	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	319855	40.172	ng		98
60) Diethylphthalate	10.35	149	1163271	39.073	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	548806	37.064	ng		96
62) 4-Nitroaniline	10.49	138	313685	39.630	ng		98
63) Azobenzene	10.63	77	1137619	39.394	ng		97
65) 4,6-Dinitro-2-methylphenol	10.52	198	196228	40.407	ng		97
66) n-Nitrosodiphenylamine	10.58	169	967619	39.135	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	356634	39.263	ng		95
68) Hexachlorobenzene	11.03	284	409671	39.494	ng		98
69) Atrazine	11.11	200	306454	37.782	ng		99
70) Pentachlorophenol	11.22	266	257991	40.664	ng		99
71) Phenanthrene	11.43	178	1597899	39.219	ng		98
72) Anthracene	11.49	178	1605143	38.121	ng		99
73) Carbazole	11.64	167	1436731	38.910	ng		99
74) Di-n-butylphthalate	11.97	149	1718905	37.793	ng		99
75) Fluoranthene	12.62	202	1636427	38.008	ng		98
77) Benzidine	12.74	184	746344	41.196	ng		100
78) Pyrene	12.85	202	1639384	37.836	ng		98
80) Butylbenzylphthalate	13.47	149	712230	38.560	ng		96
81) Benzo(a)anthracene	14.04	228	1314567	39.017	ng		96
82) 3,3'-Dichlorobenzidine	14.00	252	481685	40.217	ng		97
83) Chrysene	14.07	228	1335142	39.476	ng		98
84) Bis(2-ethylhexyl)phthalate	14.03	149	894174	39.082	ng		99
85) Di-n-octyl phthalate	14.64	149	1434809	39.414	ng		99
86) Indeno(1,2,3-cd)pyrene	17.00	276	1075073	37.414	ng		100
88) Benzo(b)fluoranthene	15.09	252	1184213	39.850	ng		100
89) Benzo(k)fluoranthene	15.12	252	1017977	38.423	ng		98
90) Benzo(a)pyrene	15.46	252	993590	38.901	ng		99
91) Dibenzo(a,h)anthracene	17.02	278	885021	39.470	ng		99
92) Benzo(g,h,i)perylene	17.44	276	865089	38.685	ng		99

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

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