Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
Data File : BF116163.D
Acq On : 10 Aug 2019 23:04
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 10 23:33:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	130086	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	514405	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	252472	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	361468	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	262241	20.00	ng		0.00
87) Perylene-d12	15.47	264	263201	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	679193	87.40	ng		0.00
7) Phenol-d6	6.48	99	821042	83.74	ng		0.00
23) Nitrobenzene-d5	7.40	82	735704	82.56	ng		-0.01
42) 2,4,6-Tribromophenol	10.66	330	173014	70.68	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	1206524	89.51	ng		-0.01
79) Terphenyl-d14	12.94	244	1060228	85.19	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	164130	41.810	ng		99
3) Pyridine	3.33	79	423176	38.590	ng		99
4) n-Nitrosodimethylamine	3.28	42	155212	35.866	ng		100
6) Aniline	6.50	93	550650	39.218	ng		95
8) 2-Chlorophenol	6.63	128	375069	43.649	ng		96
9) Benzaldehyde	6.39	77	267245	39.506	ng		99
10) Phenol	6.49	94	477077	41.322	ng		86
11) bis(2-Chloroethyl)ether	6.57	93	358160	42.195	ng		99
12) 1,3-Dichlorobenzene	6.78	146	417916	42.083	ng		99
13) 1,4-Dichlorobenzene	6.86	146	421860	42.427	ng		98
14) 1,2-Dichlorobenzene	7.01	146	386584	42.224	ng		98
15) Benzyl Alcohol	6.99	79	301721	40.552	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	487319	42.090	ng		99
17) 2-Methylphenol	7.10	107	301786	41.477	ng		99
18) Hexachloroethane	7.35	117	142385	38.894	ng		94
19) n-Nitroso-di-n-propylamine	7.26	70	251083	41.328	ng		99
20) 3+4-Methylphenols	7.25	107	370344	43.012	ng	#	89
22) Acetophenone	7.25	105	481272	42.660	ng		99
24) Nitrobenzene	7.42	77	408686	42.472	ng		99
25) Isophorone	7.66	82	724355	42.508	ng		100
26) 2-Nitrophenol	7.74	139	181926	40.109	ng		98
27) 2,4-Dimethylphenol	7.77	122	287470	42.126	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	462398	43.780	ng		99
29) 2,4-Dichlorophenol	7.99	162	312146	43.322	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	346592	42.198	ng		100
31) Naphthalene	8.14	128	1030106	42.554	ng		99
32) Benzoic acid	7.95	122	33822	7.030	ng		96
33) 4-Chloroaniline	8.19	127	453160	41.898	ng		99
34) Hexachlorobutadiene	8.26	225	202143	42.728	ng		100
35) Caprolactam	8.57	113	86316	37.039	ng		97
36) 4-Chloro-3-methylphenol	8.68	107	311965	41.618	ng		96
37) 2-Methylnaphthalene	8.83	142	665193	41.725	ng		99
38) 1-Methylnaphthalene	8.93	142	627454	41.603	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	308443	45.698	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	18730	11.645 ng	97
43) 2,4,6-Trichlorophenol	9.12	196	187160	40.285 ng	99
44) 2,4,5-Trichlorophenol	9.16	196	191567	39.890 ng	99
46) 1,1'-Biphenyl	9.29	154	801691	44.977 ng	99
47) 2-Chloronaphthalene	9.32	162	632911	42.663 ng	100
48) 2-Nitroaniline	9.42	65	207397	42.295 ng	95
49) Acenaphthylene	9.73	152	929834	42.962 ng	98
50) Dimethylphthalate	9.59	163	756080	43.982 ng	100
51) 2,6-Dinitrotoluene	9.66	165	157138	42.063 ng	97
52) Acenaphthene	9.91	154	554497	41.761 ng	99
53) 3-Nitroaniline	9.83	138	188726	40.885 ng	98
54) 2,4-Dinitrophenol	9.98	184	5913	10.621 ng	98
55) Dibenzofuran	10.08	168	795671	41.207 ng	99
56) 4-Nitrophenol	10.01	139	91185	30.837 ng	96
57) 2,4-Dinitrotoluene	10.07	165	186157	37.427 ng	97
58) Fluorene	10.42	166	619094	41.673 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	136964	33.899 ng	98
60) Diethylphthalate	10.29	149	714438	44.515 ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	326301	43.369 ng	99
62) 4-Nitroaniline	10.45	138	180195	37.773 ng	97
63) Azobenzene	10.57	77	687798	41.665 ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	16211	8.463 ng	95
66) n-Nitrosodiphenylamine	10.53	169	548029	50.371 ng	99
67) 4-Bromophenyl-phenylether	10.90	248	187180	48.373 ng	97
68) Hexachlorobenzene	10.97	284	200267	44.758 ng	97
69) Atrazine	11.05	200	126689	35.395 ng	100
70) Pentachlorophenol	11.17	266	62441	28.744 ng	99
71) Phenanthrene	11.39	178	810816	43.878 ng	99
72) Anthracene	11.44	178	824659	44.096 ng	99
73) Carbazole	11.59	167	741913	43.727 ng	98
74) Di-n-butylphthalate	11.92	149	1005431	50.798 ng	98
75) Fluoranthene	12.57	202	777222	40.175 ng	99
77) Benzidine	12.69	184	368592	41.604 ng	98
78) Pyrene	12.80	202	797186	40.327 ng	99
80) Butylbenzylphthalate	13.41	149	370202	44.272 ng	98
81) Benzo(a)anthracene	13.99	228	717301	42.795 ng	100
82) 3,3'-Dichlorobenzidine	13.95	252	259432	44.551 ng	99
83) Chrysene	14.03	228	704467	43.291 ng	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	543971	50.060 ng	99
85) Di-n-octyl phthalate	14.57	149	900513	52.174 ng	100
86) Indeno(1,2,3-cd)pyrene	16.94	276	569208	41.647 ng	100
88) Benzo(b)fluoranthene	15.04	252	667458	43.858 ng	99
89) Benzo(k)fluoranthene	15.07	252	607408	40.977 ng	99
90) Benzo(a)pyrene	15.41	252	570533	41.938 ng	99
91) Dibenzo(a,h)anthracene	16.94	278	481483	40.887 ng	98
92) Benzo(g,h,i)perylene	17.39	276	438827	37.944 ng	98

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

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