Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
Data File : BF116608.D
Acq On : 28 Aug 2019 10:49
Operator : HP/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Quant Time: Aug 28 11:34:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 11:25:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	128710	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	515396	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	211922	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	368618	20.00	ng		0.00
76) Chrysene-d12	14.02	240	219906	20.00	ng		0.00
87) Perylene-d12	15.47	264	189119	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	692897	78.66	ng		0.00
7) Phenol-d6	6.50	99	896501	83.00	ng		0.00
23) Nitrobenzene-d5	7.43	82	886806	94.14	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	199116	109.42	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	1282603	97.47	ng		0.00
79) Terphenyl-d14	12.96	244	1271338	107.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	170257	44.640	ng		100
3) Pyridine	3.39	79	496010	42.706	ng		100
4) n-Nitrosodimethylamine	3.34	42	184557	43.528	ng		99
6) Aniline	6.53	93	587671	40.189	ng		98
8) 2-Chlorophenol	6.66	128	379267	41.029	ng		96
9) Benzaldehyde	6.42	77	274429	38.027	ng		96
10) Phenol	6.51	94	502759	42.865	ng		99
11) bis(2-Chloroethyl)ether	6.60	93	355707	39.831	ng		97
12) 1,3-Dichlorobenzene	6.81	146	481736	48.148	ng		99
13) 1,4-Dichlorobenzene	6.89	146	484125	50.274	ng		99
14) 1,2-Dichlorobenzene	7.04	146	443744	48.848	ng		98
15) Benzyl Alcohol	7.00	79	381549	43.651	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	522170	42.289	ng		100
17) 2-Methylphenol	7.12	107	352412	46.013	ng		99
18) Hexachloroethane	7.39	117	175485	46.726	ng		94
19) n-Nitroso-di-n-propylamine	7.28	70	302076	40.987	ng		97
20) 3+4-Methylphenols	7.27	107	432986	46.149	ng		91
22) Acetophenone	7.27	105	589833	45.767	ng	#	94
24) Nitrobenzene	7.45	77	451505	46.280	ng		97
25) Isophorone	7.69	82	810835	43.676	ng		99
26) 2-Nitrophenol	7.76	139	219573	61.616	ng		96
27) 2,4-Dimethylphenol	7.80	122	335376	45.105	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	509811	44.468	ng		99
29) 2,4-Dichlorophenol	8.00	162	350872	49.620	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	395811	49.722	ng		98
31) Naphthalene	8.17	128	1180344	47.341	ng		100
32) Benzoic acid	7.92	122	295113	62.084	ng		100
33) 4-Chloroaniline	8.22	127	523586	47.836	ng		98
34) Hexachlorobutadiene	8.29	225	217156	50.019	ng		99
35) Caprolactam	8.59	113	85983	34.909	ng		99
36) 4-Chloro-3-methylphenol	8.69	107	303492	38.039	ng		97
37) 2-Methylnaphthalene	8.86	142	638689	37.309	ng		97
38) 1-Methylnaphthalene	8.96	142	604363	37.793	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	290915	51.023	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	171001	55.743 ng		99
43) 2,4,6-Trichlorophenol	9.13	196	201800	50.571 ng		98
44) 2,4,5-Trichlorophenol	9.17	196	209344	51.559 ng		97
46) 1,1'-Biphenyl	9.33	154	820509	48.426 ng		100
47) 2-Chloronaphthalene	9.35	162	639658	48.697 ng		98
48) 2-Nitroaniline	9.44	65	203848	50.685 ng		93
49) Acenaphthylene	9.76	152	933005	48.549 ng		100
50) Dimethylphthalate	9.62	163	711569	48.125 ng		99
51) 2,6-Dinitrotoluene	9.68	165	157532	52.052 ng		91
52) Acenaphthene	9.94	154	608236	49.323 ng		98
53) 3-Nitroaniline	9.85	138	184196	51.058 ng		96
54) 2,4-Dinitrophenol	9.95	184	77401	81.341 ng	#	39
55) Dibenzofuran	10.11	168	833191	48.470 ng		98
56) 4-Nitrophenol	10.00	139	141036	50.299 ng		88
57) 2,4-Dinitrotoluene	10.08	165	206646	53.660 ng		92
58) Fluorene	10.45	166	631837	47.309 ng		98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	169353	50.798 ng		96
60) Diethylphthalate	10.32	149	688373	47.368 ng		99
61) 4-Chlorophenyl-phenylether	10.44	204	317436	48.721 ng		98
62) 4-Nitroaniline	10.46	138	183754	52.080 ng		97
63) Azobenzene	10.60	77	680255	45.525 ng		98
65) 4,6-Dinitro-2-methylphenol	10.49	198	98852	73.403 ng		91
66) n-Nitrosodiphenylamine	10.56	169	570676	47.812 ng		99
67) 4-Bromophenyl-phenylether	10.93	248	188551	48.790 ng		95
68) Hexachlorobenzene	11.00	284	210499	49.247 ng		95
69) Atrazine	11.08	200	167521	46.844 ng		96
70) Pentachlorophenol	11.19	266	128810	51.652 ng		99
71) Phenanthrene	11.41	178	951144	47.366 ng		99
72) Anthracene	11.46	178	962972	47.723 ng		100
73) Carbazole	11.61	167	840110	46.383 ng		99
74) Di-n-butylphthalate	11.94	149	1026913	45.754 ng		99
75) Fluoranthene	12.59	202	940457	45.300 ng		98
77) Benzidine	12.70	184	351466	39.725 ng		99
78) Pyrene	12.82	202	946039	53.795 ng		99
80) Butylbenzylphthalate	13.43	149	372523	49.049 ng		97
81) Benzo(a)anthracene	14.00	228	701340	49.243 ng		100
82) 3,3'-Dichlorobenzidine	13.96	252	237169	46.728 ng		99
83) Chrysene	14.04	228	693868	48.066 ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	448612	44.297 ng	#	99
85) Di-n-octyl phthalate	14.61	149	663376	38.583 ng		99
86) Indeno(1,2,3-cd)pyrene	16.93	276	577110	46.670 ng		100
88) Benzo(b)fluoranthene	15.04	252	592249	50.694 ng		98
89) Benzo(k)fluoranthene	15.07	252	524119	49.520 ng		99
90) Benzo(a)pyrene	15.41	252	503392	48.753 ng		98
91) Dibenzo(a,h)anthracene	16.94	278	471802	55.607 ng		98
92) Benzo(g,h,i)perylene	17.37	276	538196	66.537 ng		97

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

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