Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101019\
Data File : BF117360.D
Acq On : 10 Oct 2019 15:18
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Oct 11 05:32:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:26:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	48536	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	208142	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	105185	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	174913	20.00	ng		0.00
76) Chrysene-d12	13.97	240	123310	20.00	ng		0.00
87) Perylene-d12	15.42	264	102148	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	265271	85.33	ng		0.00
7) Phenol-d6	6.45	99	341760	85.06	ng		0.00
23) Nitrobenzene-d5	7.37	82	327459	82.66	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	73269	83.34	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	584540	86.89	ng		0.00
79) Terphenyl-d14	12.90	244	582445	88.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	53311	40.981	ng		98
3) Pyridine	3.26	79	136434	38.318	ng		97
4) n-Nitrosodimethylamine	3.20	42	48845	39.974	ng	#	94
6) Aniline	6.46	93	214517	41.470	ng	#	67
8) 2-Chlorophenol	6.59	128	140826	41.990	ng		94
9) Benzaldehyde	6.35	77	88344	45.245	ng		99
10) Phenol	6.46	94	182014	41.095	ng		81
11) bis(2-Chloroethyl)ether	6.53	93	133549	41.026	ng		99
12) 1,3-Dichlorobenzene	6.74	146	155546	41.331	ng		98
13) 1,4-Dichlorobenzene	6.82	146	159959	41.649	ng		99
14) 1,2-Dichlorobenzene	6.97	146	152089	42.533	ng		97
15) Benzyl Alcohol	6.95	79	129071	41.893	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	141632	44.038	ng		73
17) 2-Methylphenol	7.06	107	118675	42.221	ng		92
18) Hexachloroethane	7.30	117	61145	41.385	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	108805	44.474	ng		95
20) 3+4-Methylphenols	7.22	107	153472	43.835	ng		91
22) Acetophenone	7.21	105	219535	41.514	ng		98
24) Nitrobenzene	7.39	77	164328	42.006	ng		94
25) Isophorone	7.62	82	287755	41.026	ng		99
26) 2-Nitrophenol	7.70	139	74557	44.370	ng		94
27) 2,4-Dimethylphenol	7.74	122	110351	41.412	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	176884	40.932	ng		99
29) 2,4-Dichlorophenol	7.95	162	117190	41.972	ng		96
30) 1,2,4-Trichlorobenzene	8.02	180	121220	40.185	ng		98
31) Naphthalene	8.10	128	414602	41.417	ng		99
32) Benzoic acid	7.90	122	63986	34.026	ng		99
33) 4-Chloroaniline	8.16	127	184433	41.540	ng		99
34) Hexachlorobutadiene	8.22	225	70007	40.906	ng		97
35) Caprolactam	8.53	113	36872m	39.015	ng		
36) 4-Chloro-3-methylphenol	8.65	107	134419	41.288	ng		100
37) 2-Methylnaphthalene	8.79	142	284869	42.260	ng		97
38) 1-Methylnaphthalene	8.89	142	267390	42.353	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	114899	42.302	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	41234	38.822	ng		99
43) 2,4,6-Trichlorophenol	9.08	196	74309	40.314	ng		98
44) 2,4,5-Trichlorophenol	9.13	196	74312	37.734	ng		96
46) 1,1'-Biphenyl	9.26	154	348740	42.268	ng		100
47) 2-Chloronaphthalene	9.29	162	273109	41.942	ng		97
48) 2-Nitroaniline	9.39	65	89230	42.723	ng		96
49) Acenaphthylene	9.70	152	405233	41.542	ng		99
50) Dimethylphthalate	9.56	163	310518	41.694	ng		99
51) 2,6-Dinitrotoluene	9.63	165	65697	43.312	ng		96
52) Acenaphthene	9.87	154	247444	42.792	ng		99
53) 3-Nitroaniline	9.80	138	80669	42.151	ng		93
54) 2,4-Dinitrophenol	9.92	184	26560	45.072	ng		95
55) Dibenzofuran	10.04	168	361245	42.342	ng		99
56) 4-Nitrophenol	9.98	139	51468	41.495	ng		96
57) 2,4-Dinitrotoluene	10.04	165	88877	45.139	ng	#	86
58) Fluorene	10.39	166	298105	43.377	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	60655	40.247	ng		98
60) Diethylphthalate	10.25	149	312669	42.673	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	132216	44.465	ng		98
62) 4-Nitroaniline	10.42	138	77010	38.693	ng		98
63) Azobenzene	10.53	77	316223	42.256	ng		98
65) 4,6-Dinitro-2-methylphenol	10.45	198	35666	45.218	ng		84
66) n-Nitrosodiphenylamine	10.49	169	255683	42.326	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	74883	41.921	ng		91
68) Hexachlorobenzene	10.94	284	79599	40.741	ng		98
69) Atrazine	11.02	200	55114	34.397	ng		99
70) Pentachlorophenol	11.14	266	39990	43.666	ng		96
71) Phenanthrene	11.35	178	414595	41.731	ng		99
72) Anthracene	11.40	178	427404	42.138	ng		99
73) Carbazole	11.56	167	391729	40.688	ng		99
74) Di-n-butylphthalate	11.87	149	507401	44.296	ng		99
75) Fluoranthene	12.54	202	420164	41.160	ng		97
77) Benzidine	12.66	184	140241	35.306	ng		100
78) Pyrene	12.77	202	432796	41.830	ng		98
80) Butylbenzylphthalate	13.37	149	207784	42.501	ng		95
81) Benzo(a)anthracene	13.96	228	338496	41.087	ng		98
82) 3,3'-Dichlorobenzidine	13.92	252	107645	40.547	ng		97
83) Chrysene	14.00	228	334871	41.676	ng		98
84) Bis(2-ethylhexyl)phthalate	13.93	149	279315	44.310	ng		99
85) Di-n-octyl phthalate	14.54	149	419463	42.278	ng		100
86) Indeno(1,2,3-cd)pyrene	16.88	276	228571	38.991	ng		98
88) Benzo(b)fluoranthene	15.00	252	264097	42.683	ng		97
89) Benzo(k)fluoranthene	15.03	252	244103	41.647	ng		98
90) Benzo(a)pyrene	15.36	252	226295	41.678	ng		98
91) Dibenzo(a,h)anthracene	16.88	278	188976	43.690	ng		98
92) Benzo(g,h,i)perylene	17.32	276	181063	42.008	ng		99

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

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