Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
Data File : BF116944.D
Acq On : 11 Sep 2019 2:33
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 11 04:04:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 17:49:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	83169	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	340912	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	173678	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	283332	20.00	ng		0.00
76) Chrysene-d12	13.99	240	161434	20.00	ng		0.00
87) Perylene-d12	15.44	264	182235	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	440126	85.73	ng		0.00
7) Phenol-d6	6.47	99	571746	84.81	ng		0.00
23) Nitrobenzene-d5	7.40	82	549840	92.07	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	119477	102.90	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	926398	89.98	ng		0.00
79) Terphenyl-d14	12.93	244	818002	93.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	89804	37.894	ng		94
3) Pyridine	3.30	79	244304	35.604	ng		93
4) n-Nitrosodimethylamine	3.25	42	85523	36.297	ng		84
6) Aniline	6.50	93	370548	39.687	ng		99
8) 2-Chlorophenol	6.62	128	237616	42.400	ng		96
9) Benzaldehyde	6.39	77	170265	38.338	ng		99
10) Phenol	6.49	94	309605	41.476	ng		92
11) bis(2-Chloroethyl)ether	6.57	93	229371	39.463	ng		99
12) 1,3-Dichlorobenzene	6.78	146	265278	41.882	ng		96
13) 1,4-Dichlorobenzene	6.85	146	271100	42.992	ng		98
14) 1,2-Dichlorobenzene	7.01	146	252861	43.270	ng		97
15) Benzyl Alcohol	6.97	79	227526	41.580	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	230664	33.825	ng		90
17) 2-Methylphenol	7.09	107	198682	40.499	ng		97
18) Hexachloroethane	7.35	117	101412	41.394	ng		92
19) n-Nitroso-di-n-propylamine	7.25	70	174418	39.296	ng		91
20) 3+4-Methylphenols	7.25	107	253827	44.499	ng	#	73
22) Acetophenone	7.25	105	361288	44.019	ng	#	95
24) Nitrobenzene	7.42	77	270329	44.509	ng		100
25) Isophorone	7.66	82	474689	39.228	ng		99
26) 2-Nitrophenol	7.73	139	121729	53.909	ng		96
27) 2,4-Dimethylphenol	7.77	122	185021	40.572	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	297983	40.296	ng		99
29) 2,4-Dichlorophenol	7.97	162	197505	45.066	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	205403	43.211	ng		97
31) Naphthalene	8.14	128	685470	42.285	ng		99
32) Benzoic acid	7.87	122	81427	31.623	ng		99
33) 4-Chloroaniline	8.19	127	309882	41.995	ng		98
34) Hexachlorobutadiene	8.26	225	117298	45.257	ng		98
35) Caprolactam	8.56	113	65066	39.671	ng		87
36) 4-Chloro-3-methylphenol	8.67	107	226129	44.893	ng		98
37) 2-Methylnaphthalene	8.83	142	464595	43.075	ng		98
38) 1-Methylnaphthalene	8.93	142	436935	42.913	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	187255	44.977	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	36590	15.219	ng		99
43) 2,4,6-Trichlorophenol	9.11	196	131903	46.217	ng		98
44) 2,4,5-Trichlorophenol	9.15	196	135463	45.719	ng		93
46) 1,1'-Biphenyl	9.29	154	567766	43.082	ng		98
47) 2-Chloronaphthalene	9.32	162	451024	43.209	ng		98
48) 2-Nitroaniline	9.41	65	151024	50.046	ng		93
49) Acenaphthylene	9.73	152	678093	42.975	ng		99
50) Dimethylphthalate	9.59	163	518573	43.248	ng		98
51) 2,6-Dinitrotoluene	9.65	165	108004	47.210	ng		99
52) Acenaphthene	9.90	154	412336	42.531	ng		99
53) 3-Nitroaniline	9.82	138	137830	48.075	ng		90
54) 2,4-Dinitrophenol	9.93	184	16912	27.520	ng		93
55) Dibenzofuran	10.07	168	597990	43.754	ng		97
56) 4-Nitrophenol	9.99	139	81513	41.465	ng		86
57) 2,4-Dinitrotoluene	10.06	165	146111	52.232	ng		97
58) Fluorene	10.42	166	481379	46.225	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	100785	47.131	ng		96
60) Diethylphthalate	10.29	149	519681	43.267	ng		98
61) 4-Chlorophenyl-phenylether	10.41	204	211973	46.483	ng		99
62) 4-Nitroaniline	10.43	138	140606	50.536	ng		96
63) Azobenzene	10.57	77	528184	42.173	ng		94
65) 4,6-Dinitro-2-methylphenol	10.47	198	30620	32.240	ng		94
66) n-Nitrosodiphenylamine	10.53	169	417789	42.625	ng		97
67) 4-Bromophenyl-phenylether	10.90	248	123344	42.853	ng		93
68) Hexachlorobenzene	10.97	284	129406	42.972	ng		98
69) Atrazine	11.05	200	113898	41.491	ng		98
70) Pentachlorophenol	11.16	266	53811	36.939	ng		100
71) Phenanthrene	11.38	178	672060	42.611	ng		99
72) Anthracene	11.43	178	681877	42.948	ng		100
73) Carbazole	11.58	167	628072	41.529	ng		99
74) Di-n-butylphthalate	11.91	149	819534	42.270	ng		100
75) Fluoranthene	12.56	202	621085	40.070	ng		99
77) Benzidine	12.68	184	246219	38.886	ng		100
78) Pyrene	12.79	202	615182	42.869	ng		99
80) Butylbenzylphthalate	13.40	149	311058	44.573	ng		93
81) Benzo(a)anthracene	13.97	228	447079	43.758	ng		98
82) 3,3'-Dichlorobenzidine	13.93	252	146547	42.443	ng		99
83) Chrysene	14.02	228	429100	40.765	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	417102	48.419	ng		99
85) Di-n-octyl phthalate	14.57	149	631653	44.806	ng	#	95
86) Indeno(1,2,3-cd)pyrene	16.89	276	431591	51.047	ng		97
88) Benzo(b)fluoranthene	15.02	252	456738	41.455	ng		98
89) Benzo(k)fluoranthene	15.04	252	387287	38.553	ng		99
90) Benzo(a)pyrene	15.38	252	405608	42.315	ng		97
91) Dibenzo(a,h)anthracene	16.90	278	359918	42.897	ng		98
92) Benzo(g,h,i)perylene	17.32	276	318978	37.277	ng		97

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

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